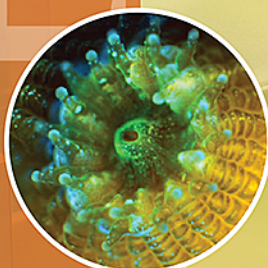
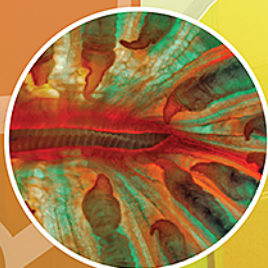


2017/2018

CATALOG OF FILTERS
AND FILTER SETS





Filter sets by Chroma Technology Corp

- 1 Recessed large polyps of *Goniastrea sp.*, commonly known as brain star or honeycomb coral, viewed from the side.
James H. Nicholson, NOAA.
- 2 Close-up of opening mouth of single polyped *Fungia sp.*, commonly known as mushroom coral.
James H. Nicholson, NOAA.
- 3 Recessed large polyps of *Goniastrea sp.*, commonly known as brain star or honeycomb coral, viewed from the side.
James H. Nicholson, NOAA.
- 4 Close-up of a single *Montastraea sp.* (commonly known as boulder star coral) polyp within a colony.
James H. Nicholson, NOAA.

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FILTER SET ORDERING GUIDE

This price list provides information about the filter sets Chroma Technology has created for the multitude of fluorochromes that are typically used in epi-fluorescence microscopy. We are aware that there are applications which require filter combinations that are not listed. Often we can create such sets out of the large collection of special-order filters and dichroic beamsplitters that we maintain in inventory. Occasionally we have to manufacture newly designed filters and/or mirrors. We understand the limitations of the research budget and in either situation we try to keep prices within reasonable limits.

Please contact us for help in creating filter combinations that you do not find in the catalog.

Additionally, Chroma manufactures filters for a variety of instruments including gene chip readers, high-throughput systems, plate readers, flow cytometers, confocal and multi-photon microscopes, Raman spectroscopy and single-molecule microscopy. Often the manufacturers of these instruments provide specifications for the filters that they recommend. Sometimes you may wish to order filters that are different from their recommendations and sometimes the manufacturers of bioassays have their own recommendations.

Please contact us for custom sets and recommended filter sets for standard bioassays.

HOW TO ORDER FILTERS

Answers to the following questions are extremely helpful when discussing the appropriate filters or filter sets for your use:

1. Which fluorochrome(s) is (are) being used?
2. What is the wavelength range of excitation and emission for those fluorochromes with which we are not familiar?
3. What is the make and model of the microscope or instrument being used?
4. What is the size of the excitation and/or emission filters if a filter wheel is being used in either the excitation or emission path?
5. Does the filter need to be image quality or not? This is particularly important for absorption-type emission filters.
6. What is the maximum thickness possible in the filter mount to be used?
7. What type of detector is being used (e.g. PMT, CCD, film)?
8. What are the specific reflection and transmission requirements for the dichroic beamsplitter?

Dichroic beamsplitters are designed with various spectral profiles. No dichroic beamsplitter reflects all wavelengths short of the cut-on wavelengths, nor can it transmit all wavelengths beyond that point. Being as specific as possible will increase your chances of getting the beamsplitter that you require and will diminish the possibility of paying too much for a beamsplitter that is more than you require. It is best if we know the excitation and emission filters being used. This information is particularly important when ordering a dichroic beamsplitter in the absence of any other filters.

FILTER PRICING

Prices apply to filter sizes that are considered standard sizes in most commercial laboratory instrumentation and microscopy.

Please contact us for pricing on larger or smaller sizes.

USING THE CATALOG

Emission Passbands — Each colored box indicates an emission passband. Use the spectrum reference chart to determine wavelength values.

Key Attributes — Each icon indicates a key attribute of the filter or filter set. Use the icon key below to determine what each icon represents

69011 - ET-Aqua/Green/Orange

Triple band filter set ideal for simultaneous viewing of commercially available Aqua, Green and Orange FISH probes.

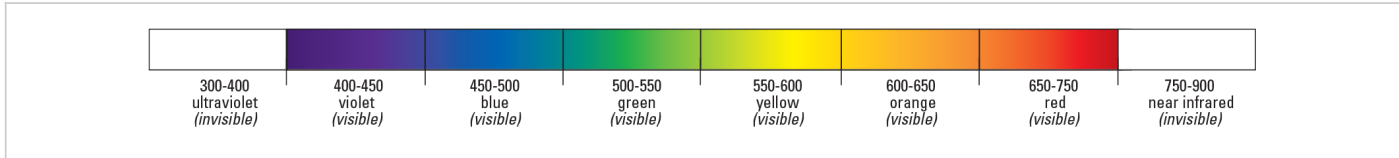
FILTER SET PARTS	PRICE
69011x (EX)	\$400
69011bs (BS)	\$375
69011m (EM)	\$400
Total Price	\$1,100

Spectral Graph — Indicates the spectral trace for all components of an individual filter or filter set.

Filters in Set — Each individual filter component within the filter set which corresponds to each trace on the spectral graph on the left.

Excitation filter Beamsplitter Emission filter.

SPECTRUM REFERENCE CHART



ATTRIBUTE ICON KEY

Applications

FLUORESCENCE

ASTRONOMY

FISH

BRIGHTFIELD

TIRF

FRET

2P

RATIOMETRIC

RAMAN

MACHINE VISION

Brand

ET
ET SERIES

AT
AT SERIES

Light Sources

LASER

MULTI LED

WHITE LIGHT

Filter Types

SPUTTERED METAL

45°
DICHROICS

NOMENCLATURE

Excitation filter D480/30x—The center wavelength is at 480 nm; full bandwidth is 30 nm [= ±15]. In some cases when the bandwidth is not specified, the letter “x” is used to define the filter as an excitation filter. This is generally used for narrow band UV excitation filters, e.g. D340x.

Dichroic beamsplitter 505DCLP—The cut-on wavelength (50% transmission point) is approximately 505 nm for this longpass dichroic design. Dichroic mirrors may be named for the 50% point, but the actual reflection and transmission wavelengths are what really define the mirror. Therefore, a mirror that is called a 505DCLP may vary somewhat in the 50% transmission point. Feel confident that we will design the mirrors, regardless of name, to reflect and transmit the necessary bands. It would be much more accurate to name the mirrors for the reflection/transmission regions, but this is very cumbersome and we have not figured out the best way to accomplish this just yet.

Emission filter D535/40m—The center wavelength is at 535 nm; full bandwidth is 40 nm [= ±20].

LP—longpass filter, which transmits wavelengths longer than the cut-on and blocks shorter wavelengths

SP—shortpass filter, which transmits wavelengths shorter than the cut-on and blocks longer wavelengths

BP—bandpass

DCLP—dichroic longpass

DCXR—dichroic longpass, extended reflection

DCXRU—dichroic longpass, extended reflection including the UV

PC—polychroic beamsplitter, reflects and transmits more than two bands of light

EX—excitation filter

BS—beamsplitter

EM—emission filter

ET—indicates highest throughput sputter coated filter or set

AT—indicates high throughput sputter coated filter or set

EXCITATION INTENSITY NOTE

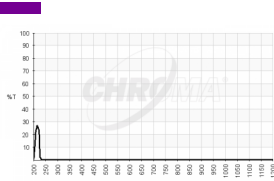
HOW TO AVOID RAPID PHOTBLEACHING OF SAMPLE.




High levels of excitation light intensity (such as that transmitted by our ET-series excitation filters) could, under some circumstances, lead to rapid photobleaching or phototoxic damage to the sample, and/or high levels of autofluorescent signal.

The use of neutral density (ND) filters in the excitation light path may be required to minimize these effects. Furthermore, the use of a range of multiple ND filters can allow for application- or sample-specific customization of excitation light intensities to maximize signal-to-noise.

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

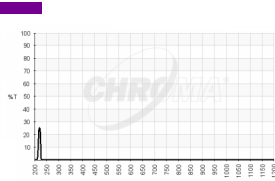
Single Bandpass and Single Edge Filters








ET214/20BP

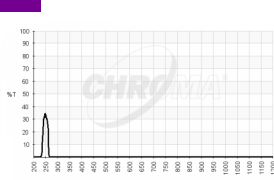
Total Price\$375








ET220/10BP

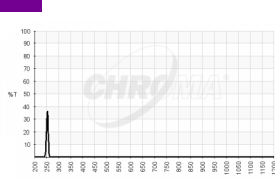
Total Price\$375








ET250/20BP

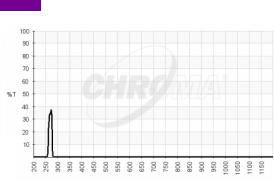
Total Price\$375








ET254/10BP

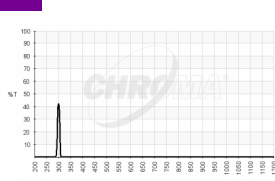
Total Price\$375








ET270/15BP

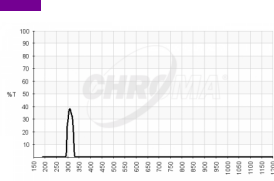
Total Price\$375








ET300/10BP

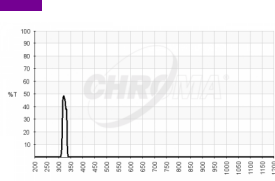
Total Price\$375








ET313/25BP

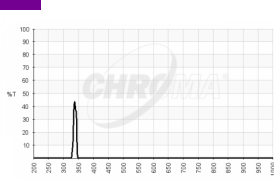
Total Price\$375








ET325/20BP

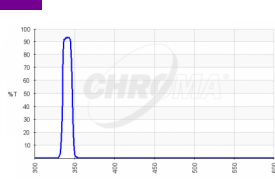
Total Price\$375








ET337/10BP

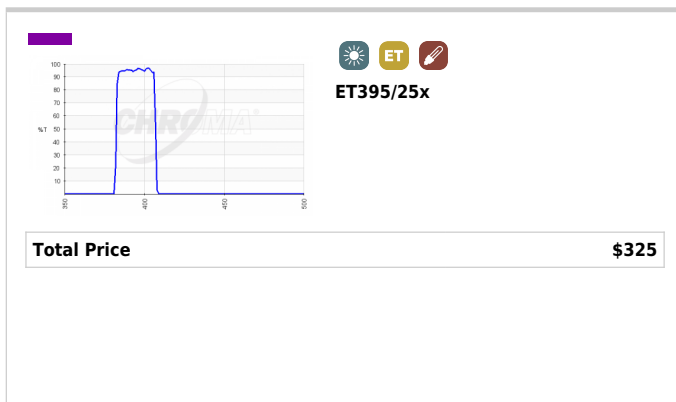
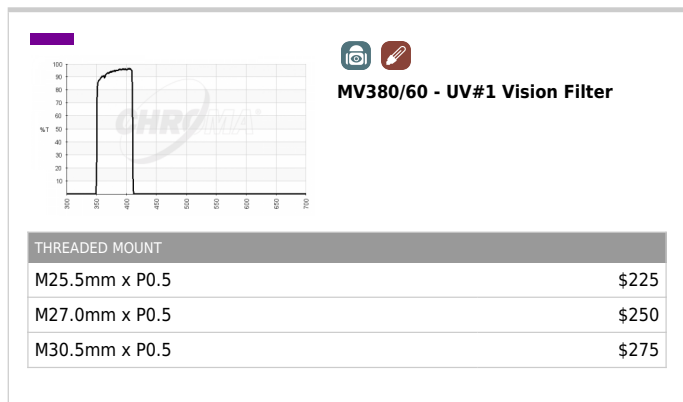
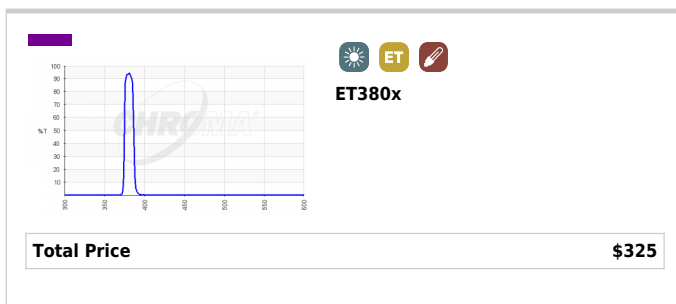
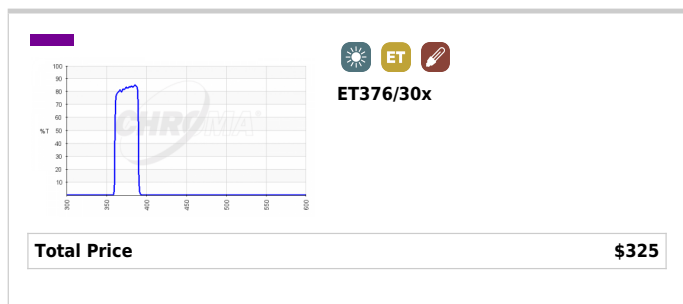
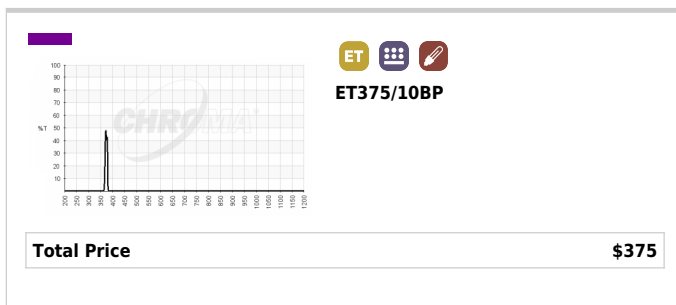
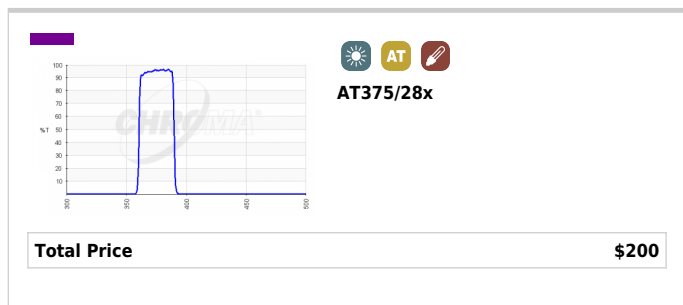
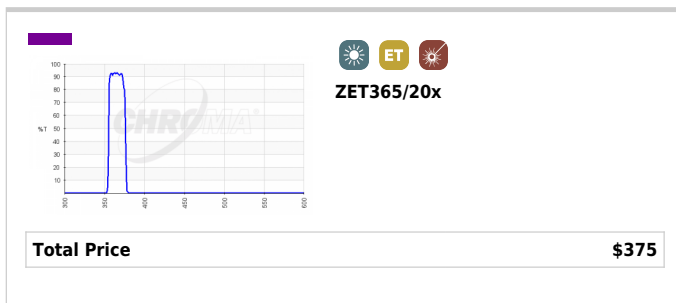
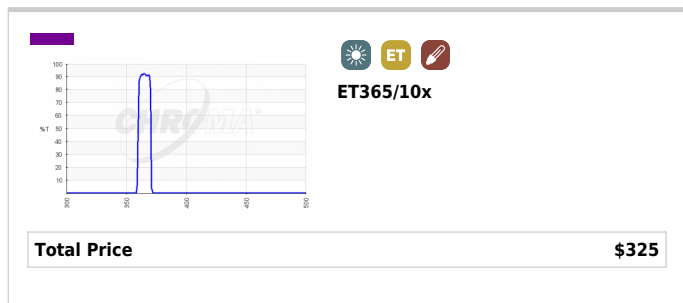
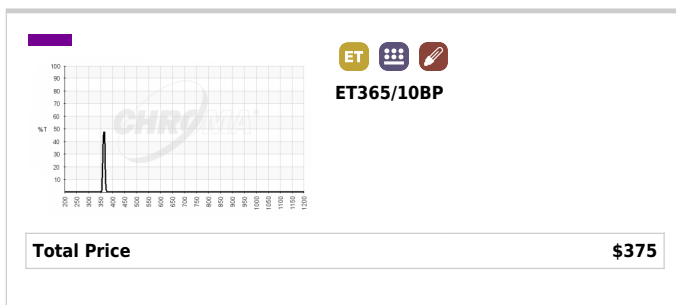
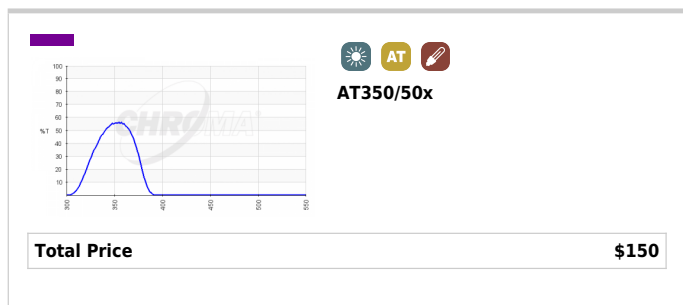
Total Price\$375

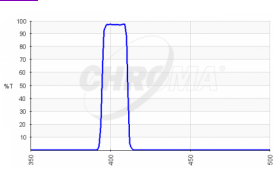







ET340x

Total Price\$325

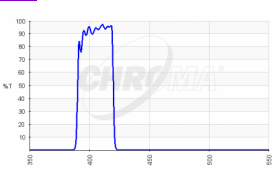









ET402/15x

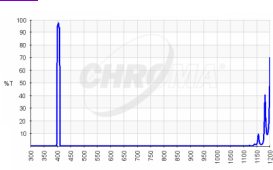
Total Price\$325








AT405/30x

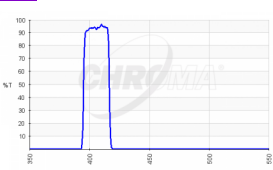
Total Price\$200








ET405/10x

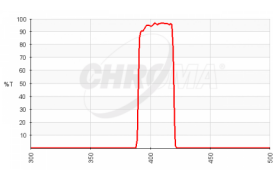
Total Price\$325








ET405/20x

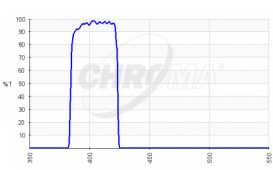
Total Price\$325








ET405/30m

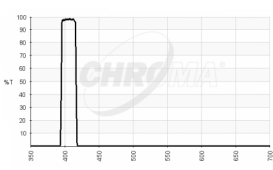
Total Price\$325







ET405/40x

Total Price\$325

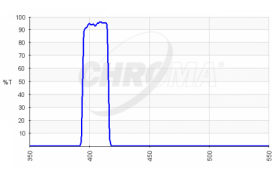







MV405/20 - Narrow Violet Vision Filter

THREADED MOUNT

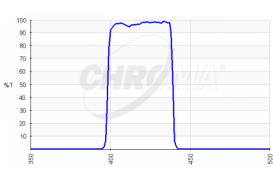
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275








ZET405/20x

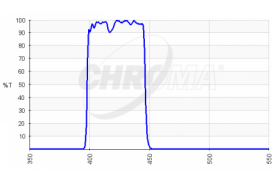
Total Price\$325








AT420/40x

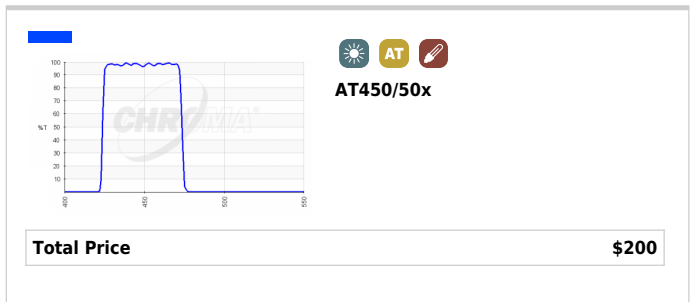
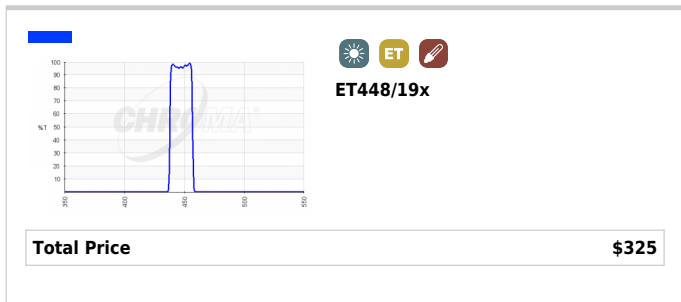
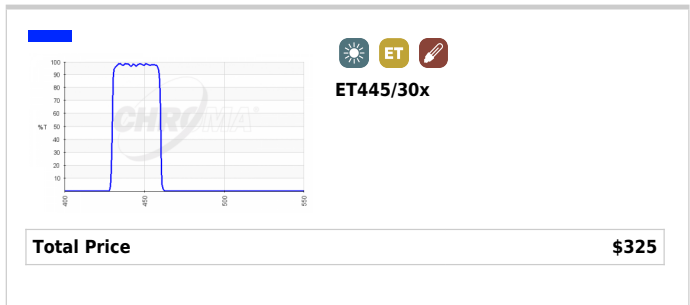
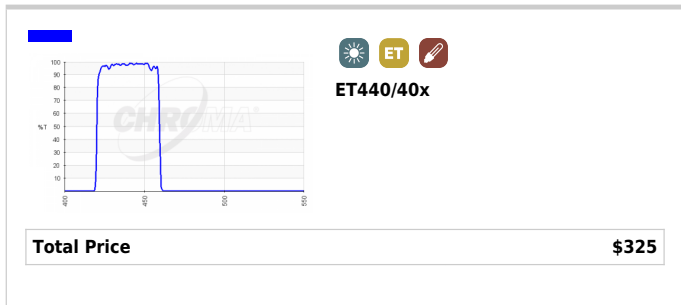
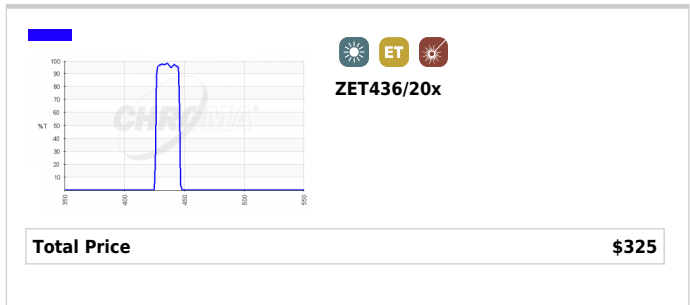
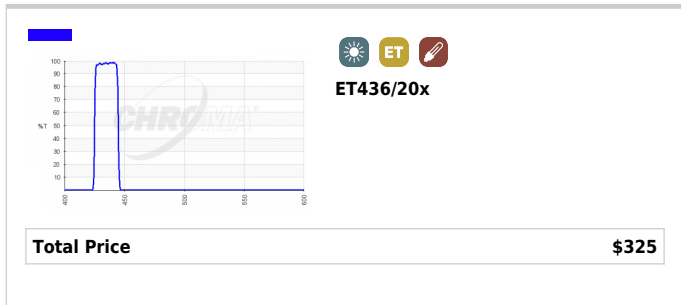
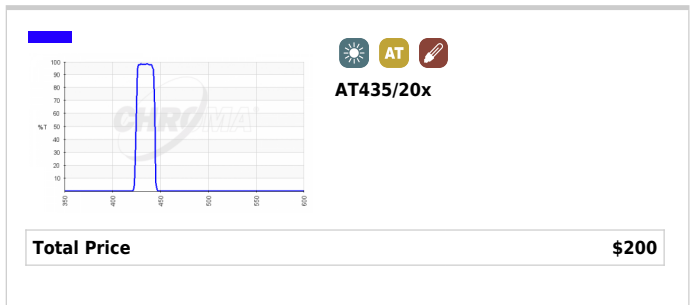
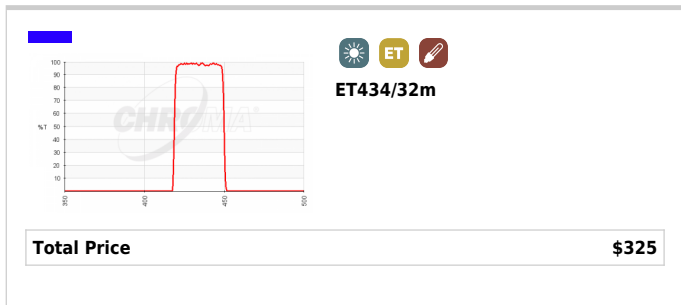
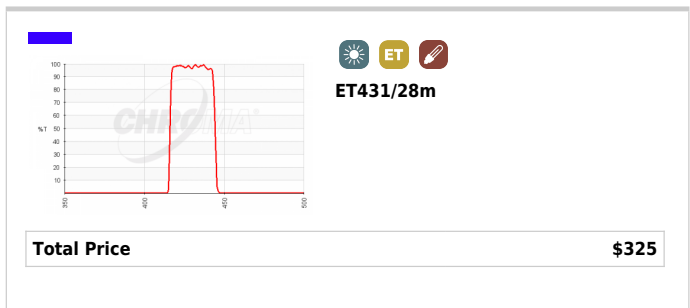
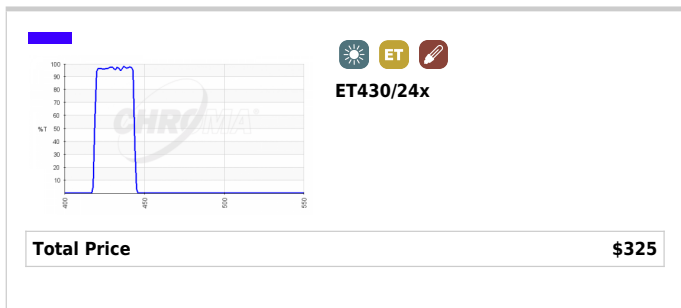
Total Price\$200

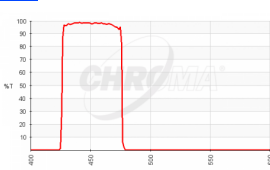




AT425/50x

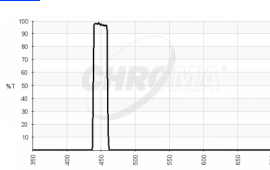
Total Price\$200





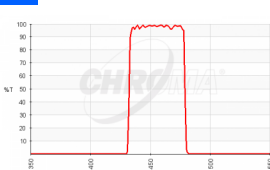
ET450/50m

Total Price **\$325**



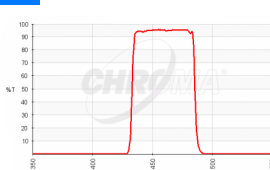
MV450/20 - Narrow Indigo Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



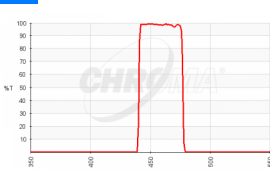
ET455/50m

Total Price **\$325**



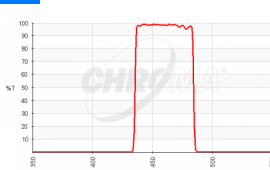
AT460/50m

Total Price **\$200**



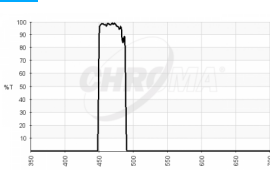
ET460/36m

Total Price **\$325**



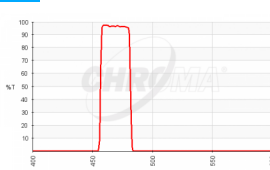
ET460/50m

Total Price **\$325**



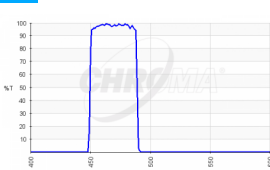
MV470/40 - Blue Vision Filter

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M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



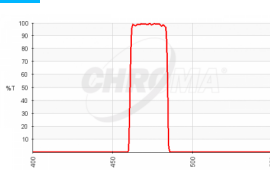
ET470/24m

Total Price **\$325**



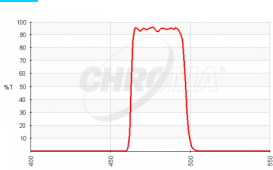
ET470/40x




Total Price **\$325**



ET473/24m

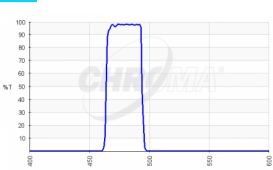
Total Price **\$325**








AT480/30m

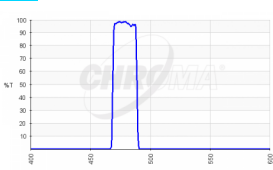
Total Price **\$200**








AT480/30x

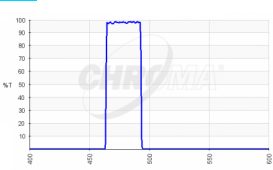
Total Price **\$200**








ET480/20x

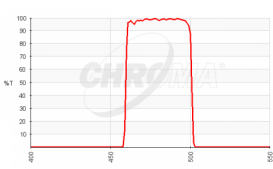
Total Price **\$325**









ET480/30x

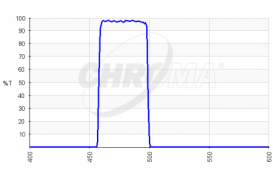
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ET480/40m

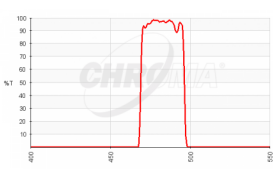
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ET480/40x

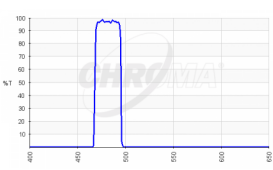
Total Price **\$325**








ET482/27m

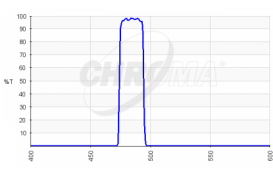
Total Price **\$325**








ET482/28x

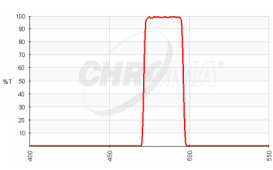
Total Price **\$325**








ET485/20x

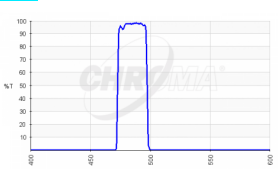
Total Price **\$325**





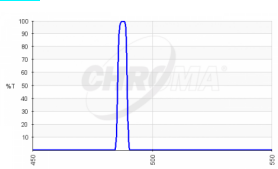
ET485/25m

Total Price **\$325**



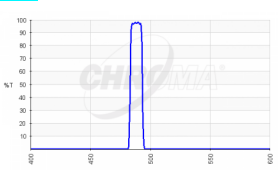
ET485/25x

Total Price **\$325**



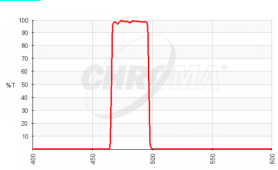
RET488/4x

Total Price **\$550**



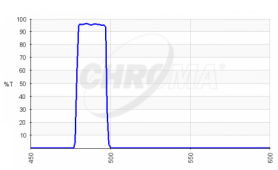
ZET488/10x

Total Price **\$325**



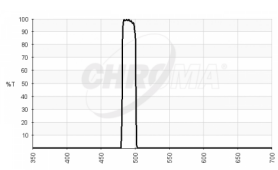
ET480/30m

Total Price **\$325**



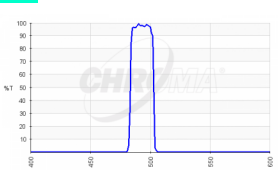
ET490/20x

Total Price **\$325**



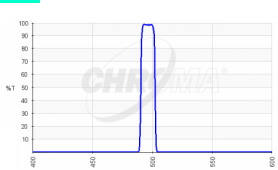
MV490/20 - Narrow Blue Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



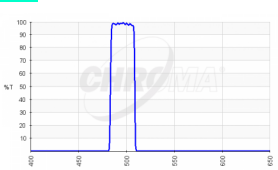
AT495/20x

Total Price **\$200**



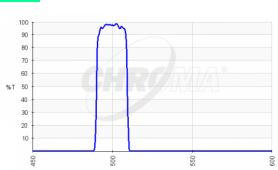
ET495/10x

Total Price **\$325**



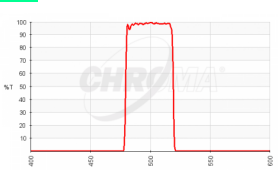
ET495/25x

Total Price **\$325**



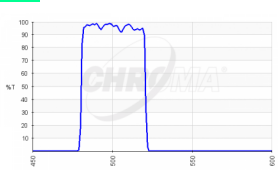
ET500/20x

Total Price **\$325**



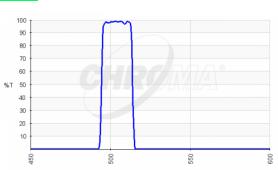
ET500/40m

Total Price **\$325**



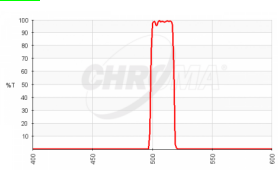
ET500/40x

Total Price **\$325**



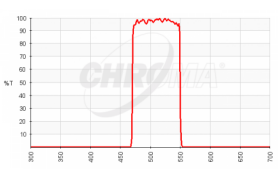
ET505/20x

Total Price **\$325**



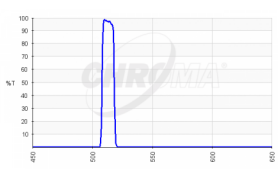
ET510/20m

Total Price **\$325**



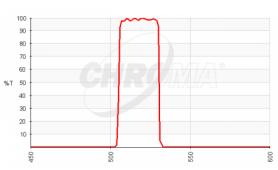
ET510/80m

Total Price **\$325**



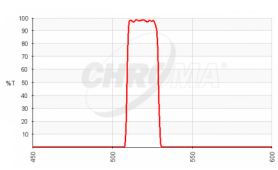
ZET514/10x

Total Price **\$325**



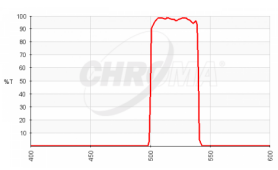
ET519/26m

Total Price **\$325**



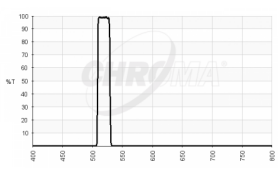
ET520/20m

Total Price **\$325**



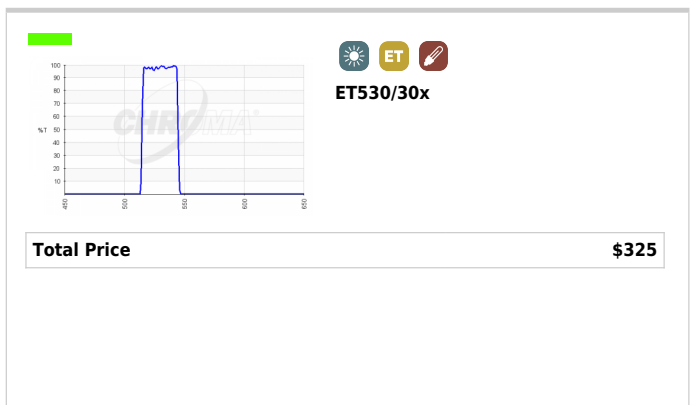
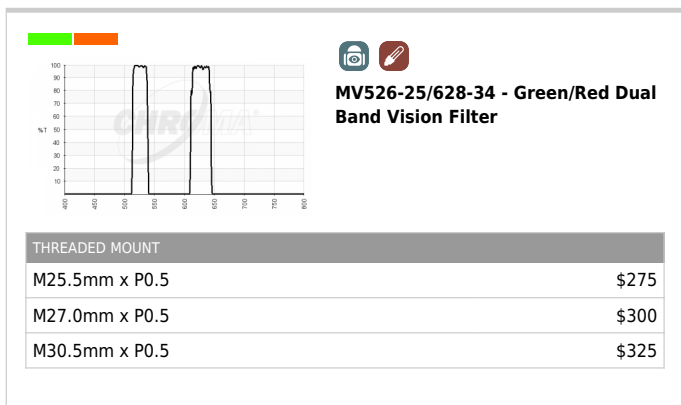
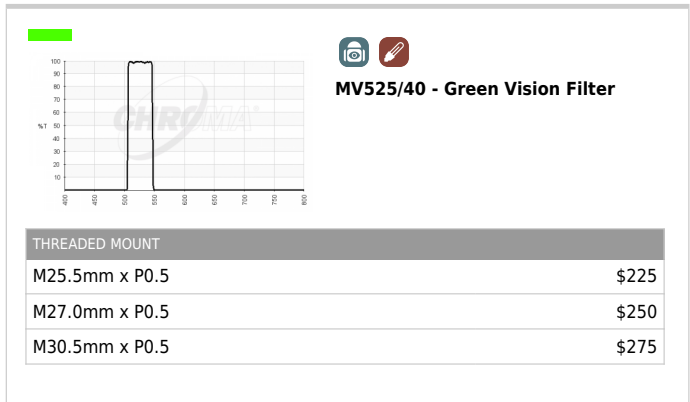
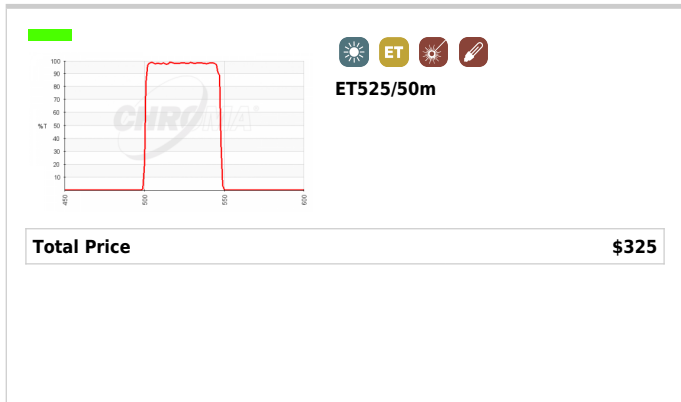
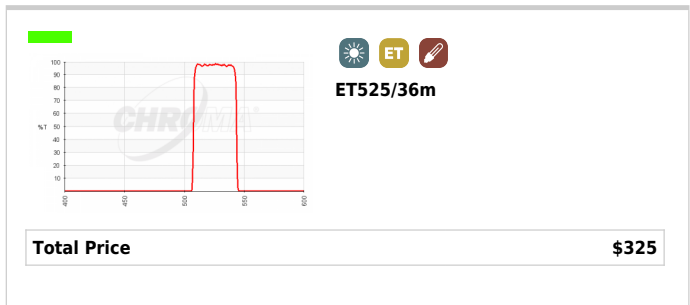
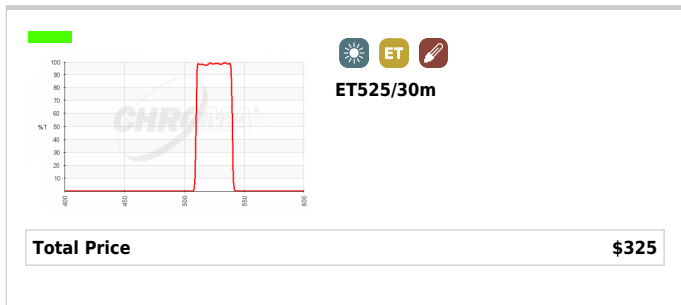
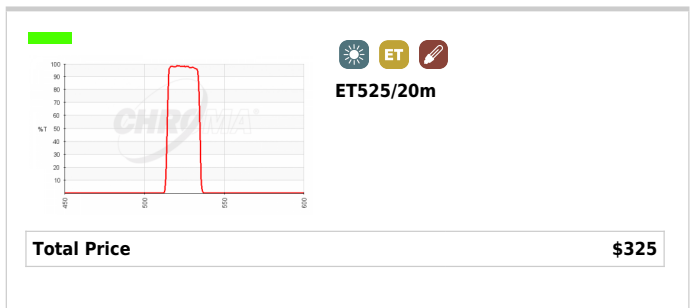
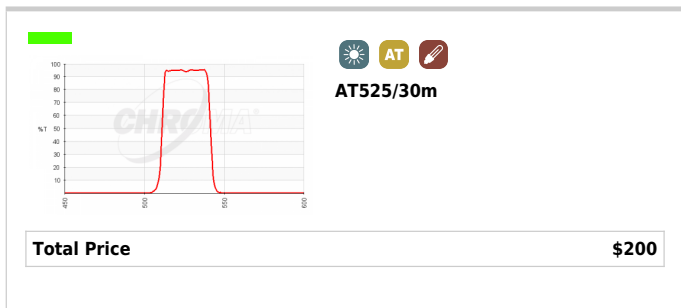
ET520/40m

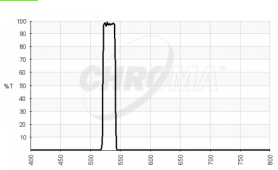
Total Price **\$325**



MV520/20 - Narrow Green#1 Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

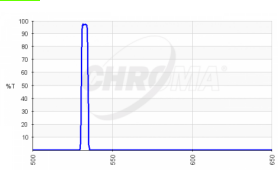




MV532/20 - Narrow Green#2 Vision Filter

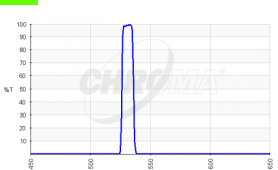
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



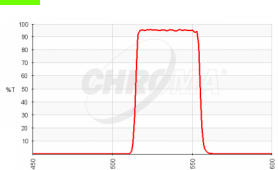
RET532/4x

Total Price **\$550**



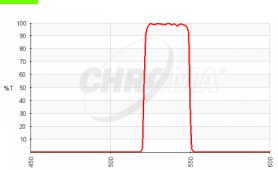
ZET532/10x

Total Price **\$325**



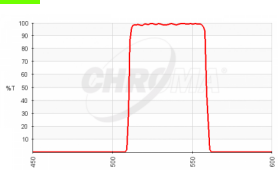
AT535/40m

Total Price **\$200**



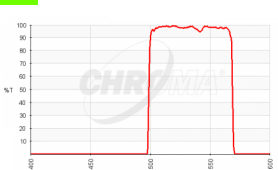
ET535/30m

Total Price **\$325**



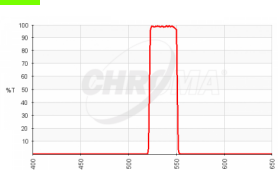
ET535/50m

Total Price **\$325**



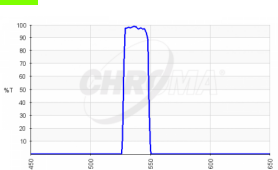
ET535/70m

Total Price **\$375**



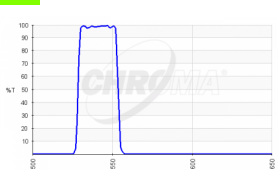
ET537/29m

Total Price **\$325**



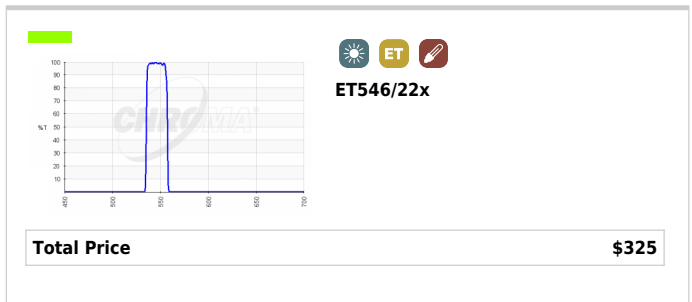
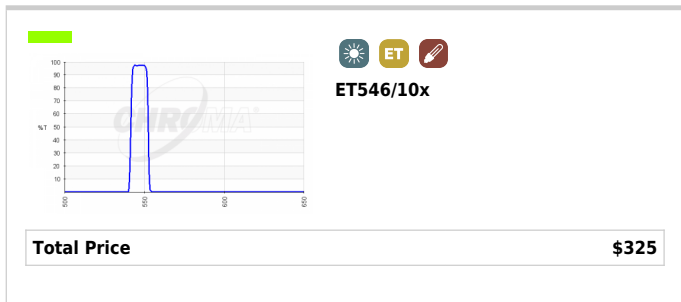
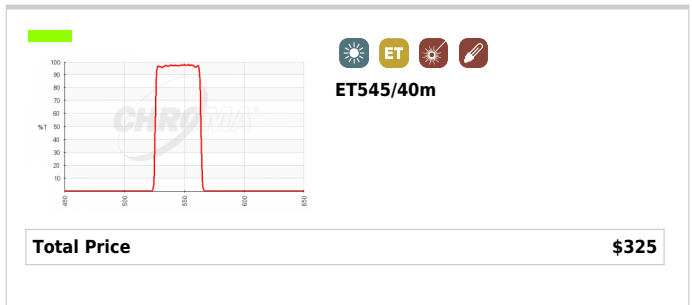
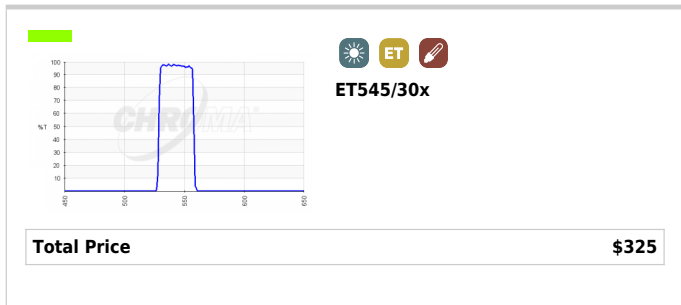
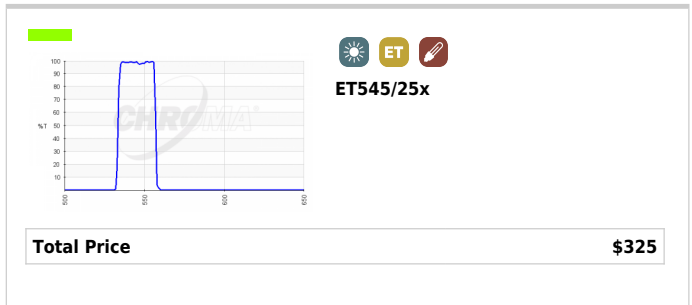
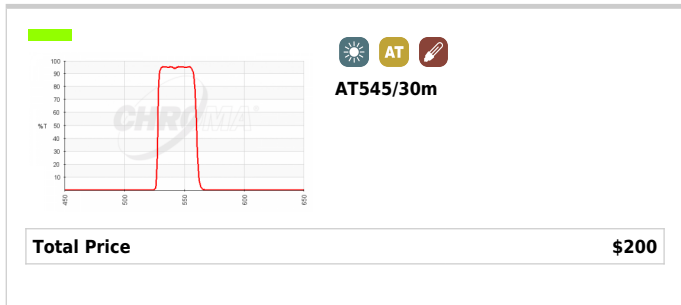
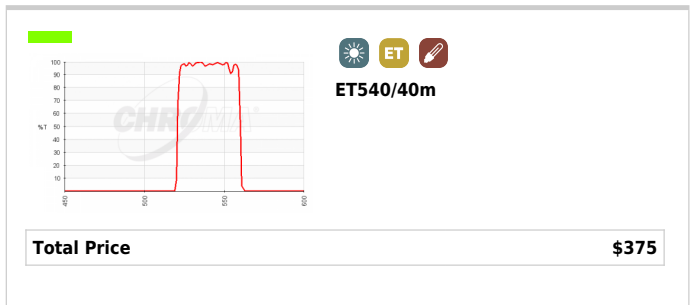
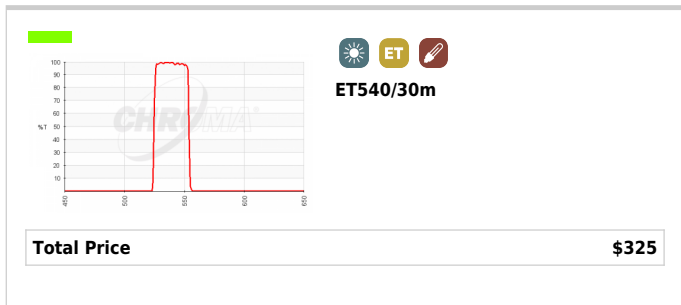
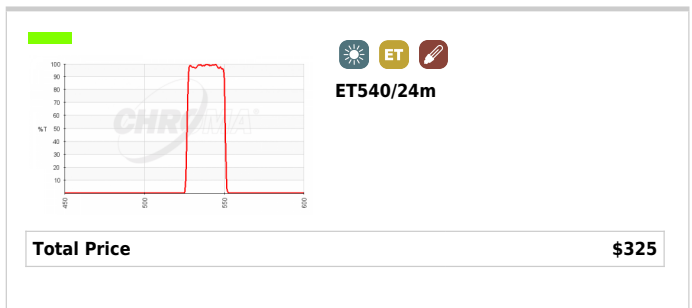
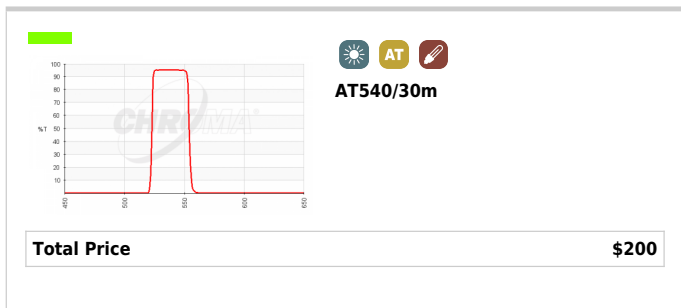
ET539/21x

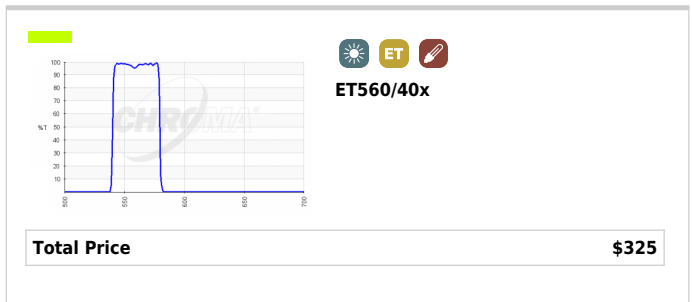
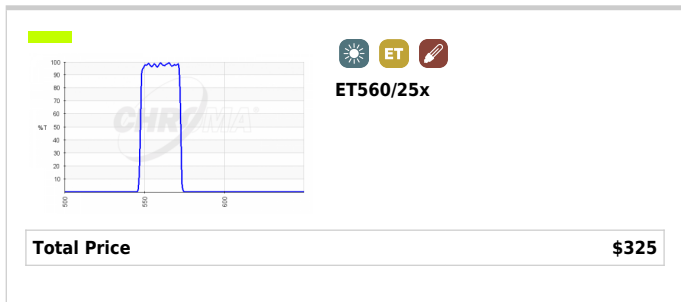
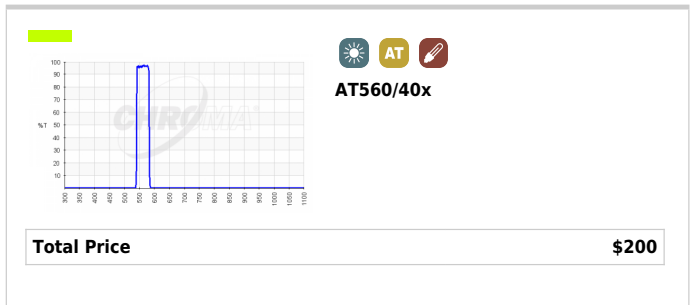
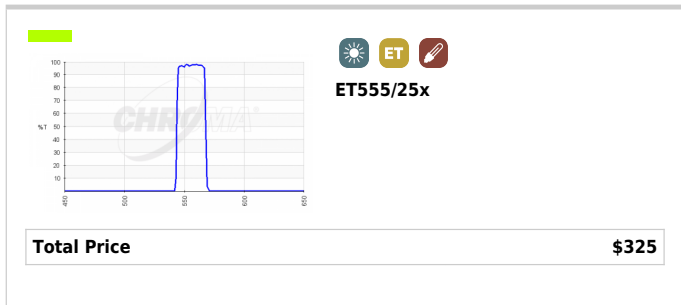
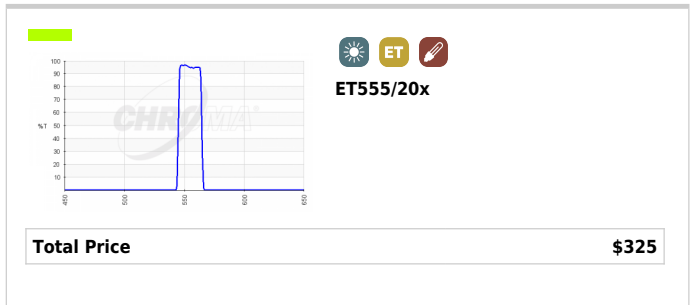
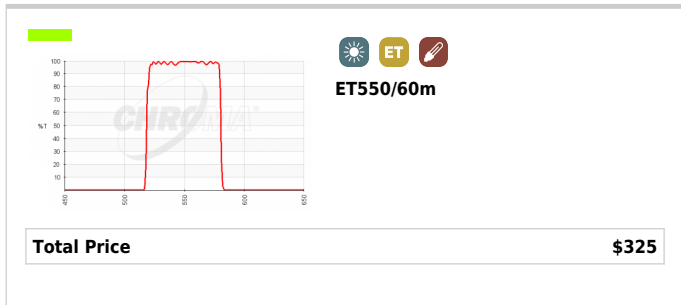
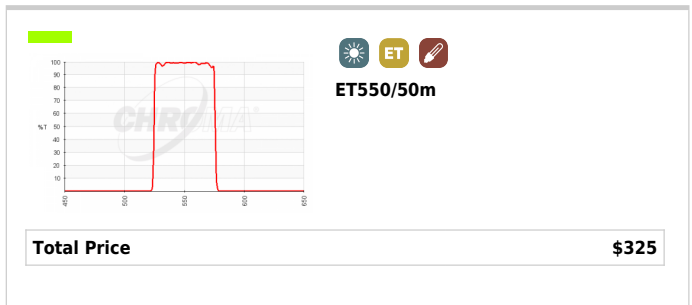
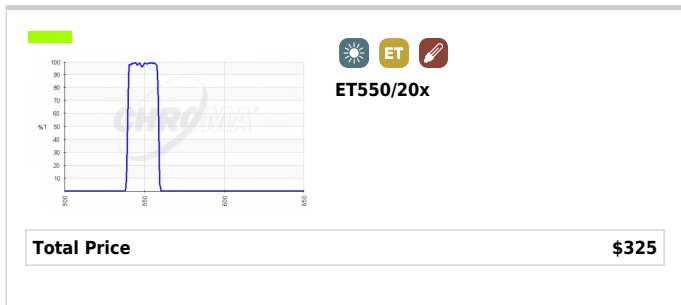
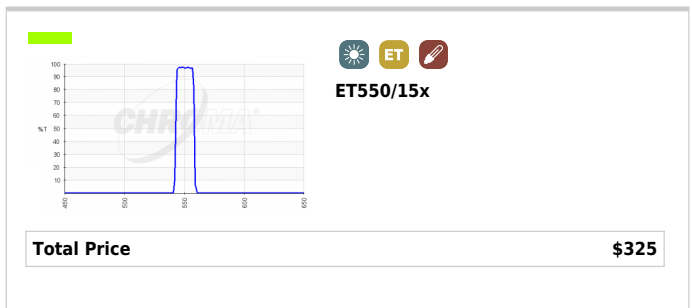
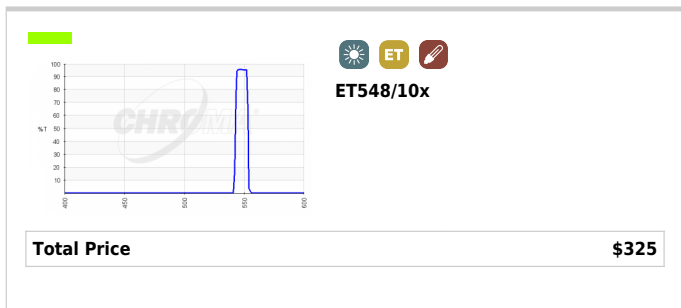
Total Price **\$325**

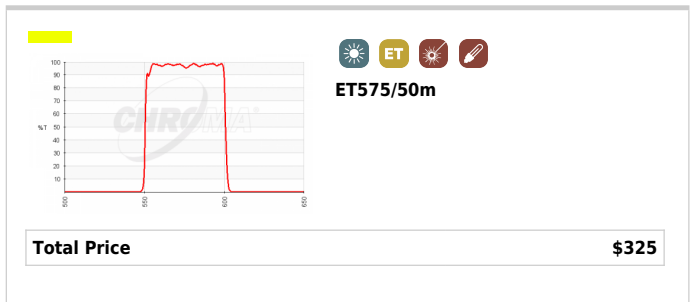
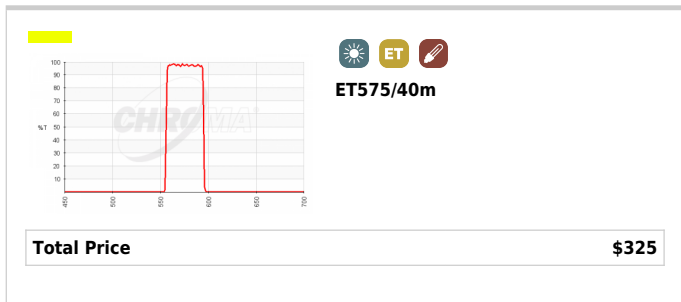
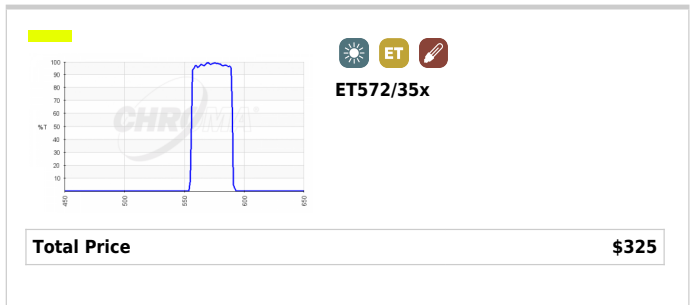
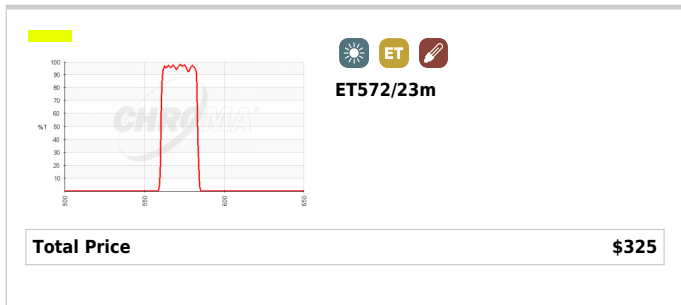
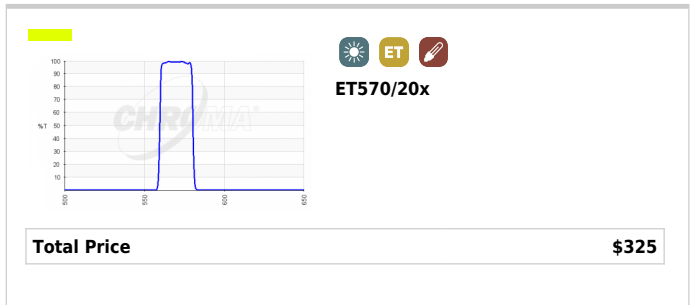
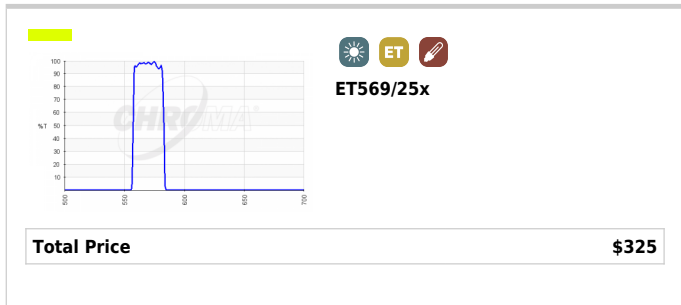
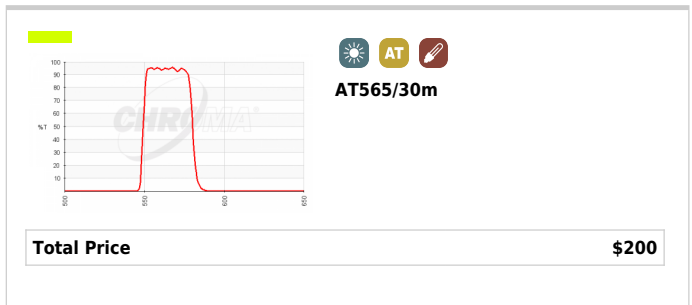
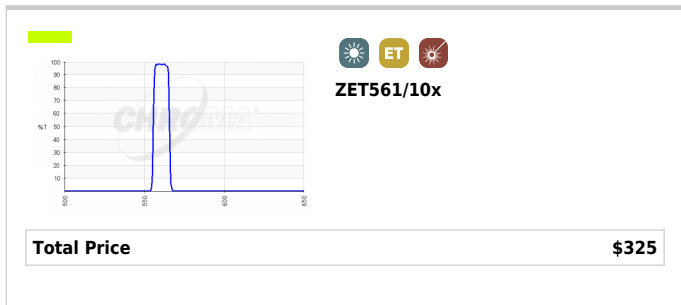
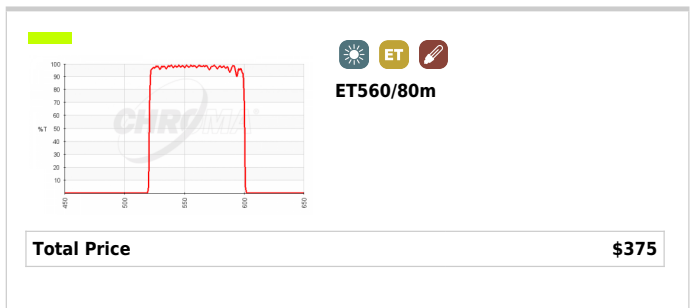
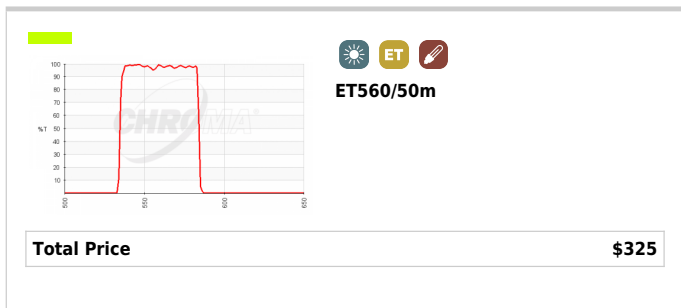


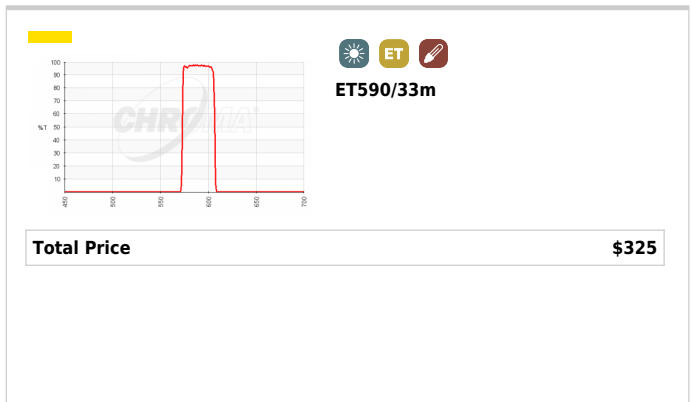
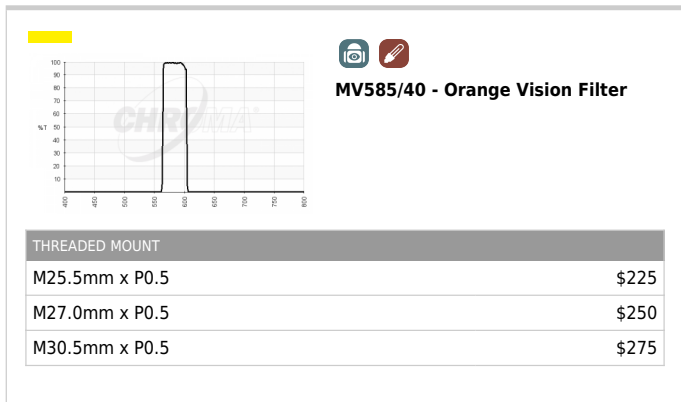
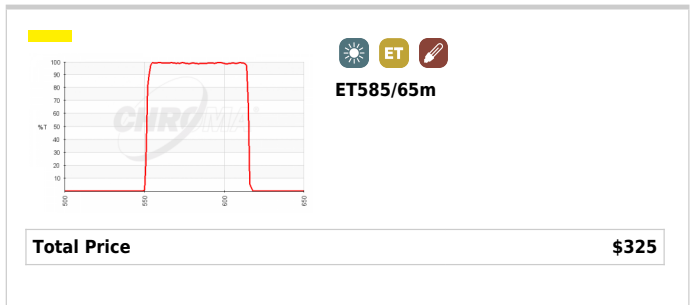
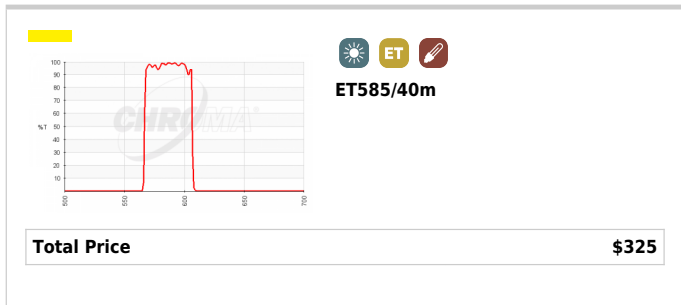
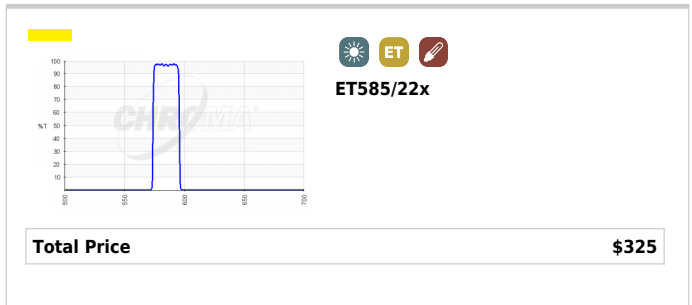
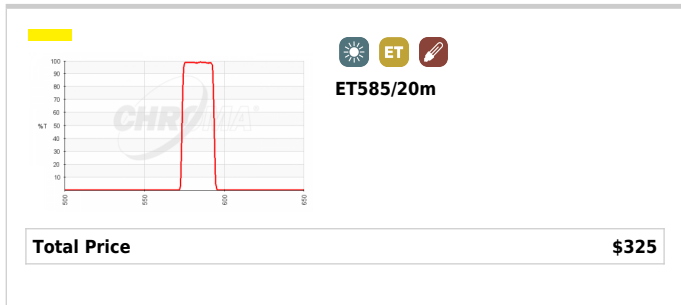
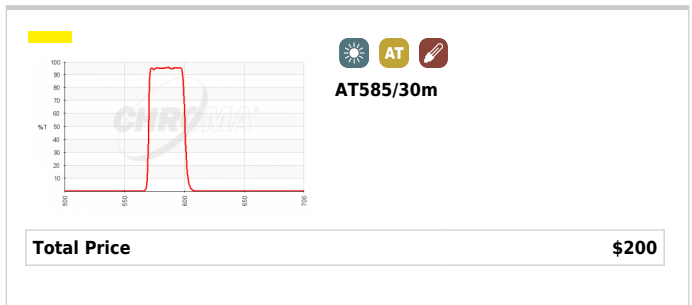
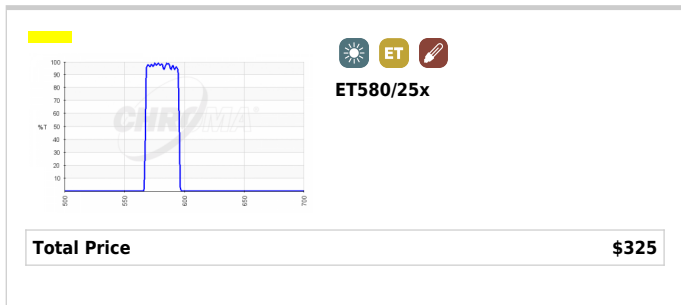
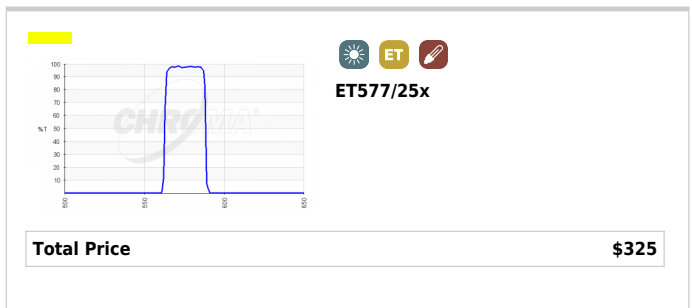
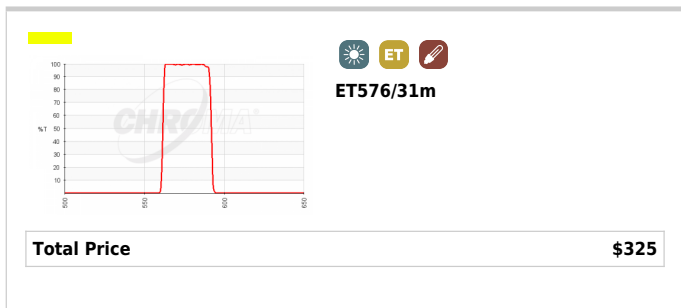
AT540/25x

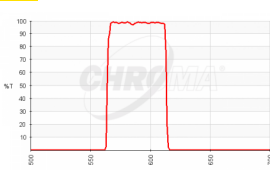
Total Price **\$200**





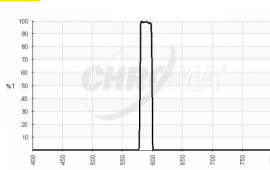






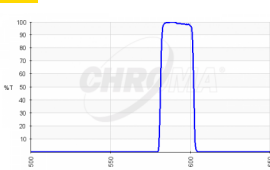
ET590/50m

Total Price **\$325**



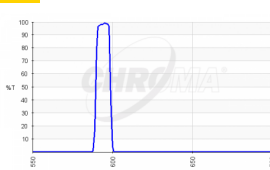
MV590/20 - Narrow Orange Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



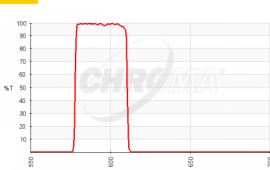
ET592/21x

Total Price **\$325**



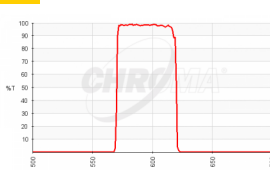
ZET594/10x

Total Price **\$325**



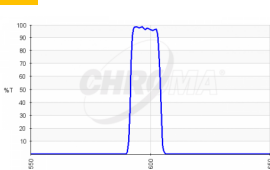
ET595/33m

Total Price **\$325**



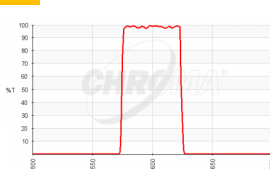
ET595/50m

Total Price **\$325**



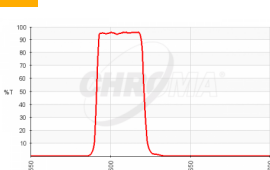
ET599/13x

Total Price **\$325**



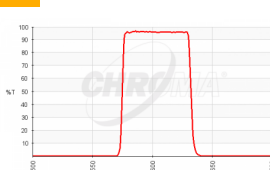
ET600/50m

Total Price **\$325**



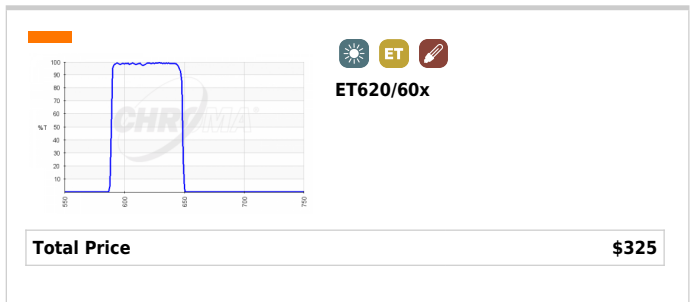
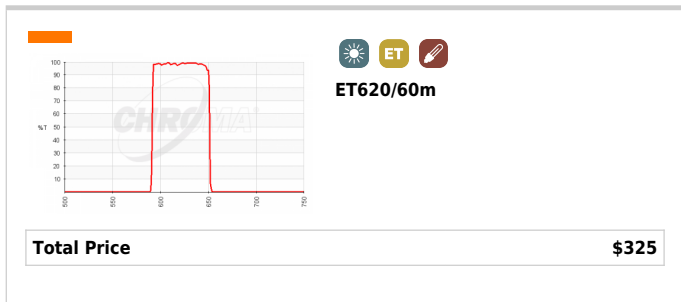
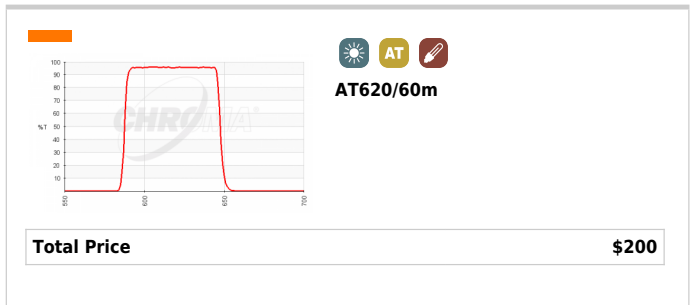
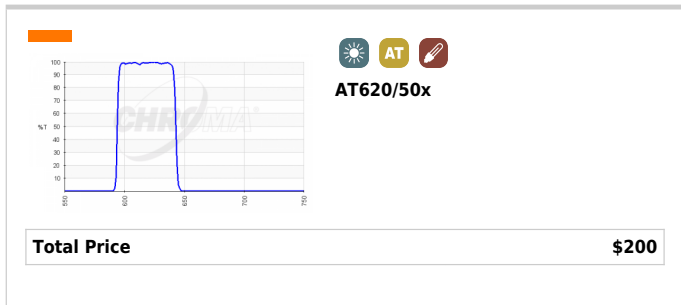
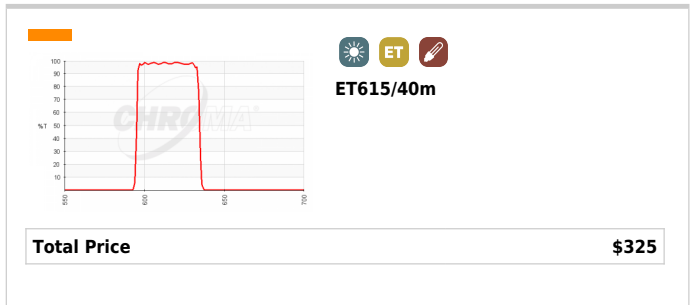
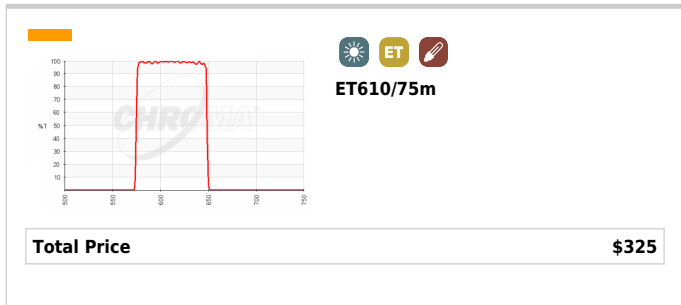
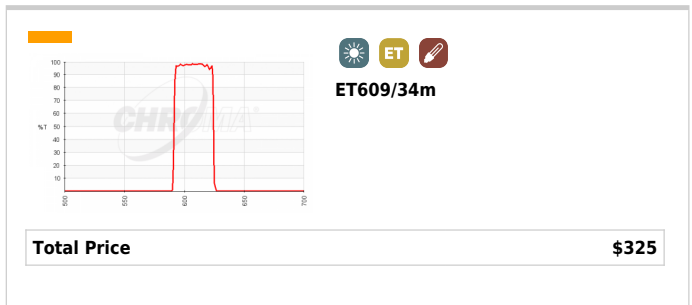
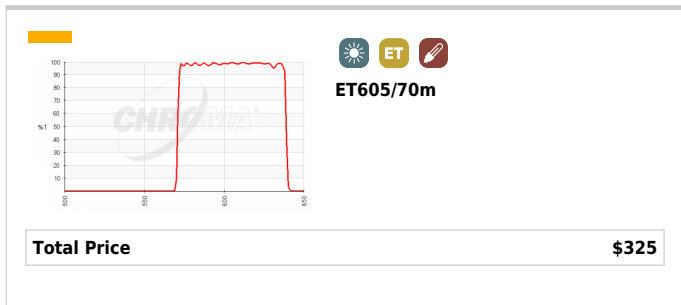
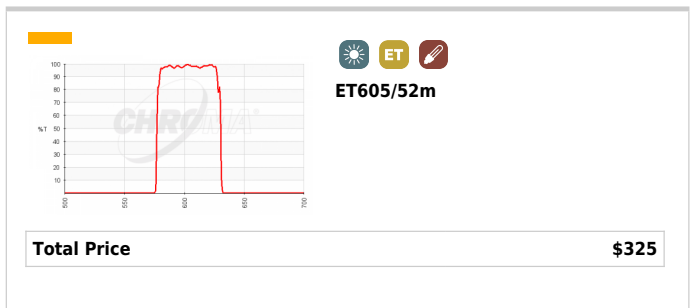
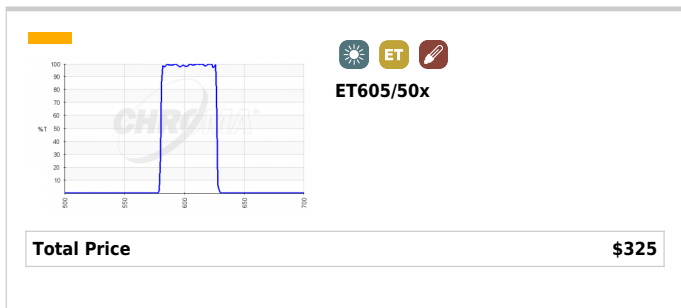
AT605/30m

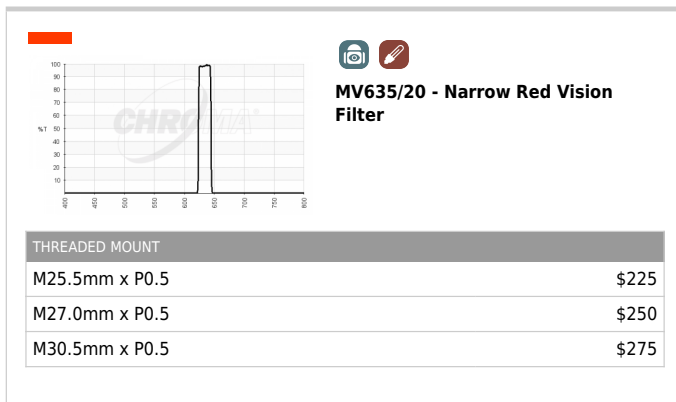
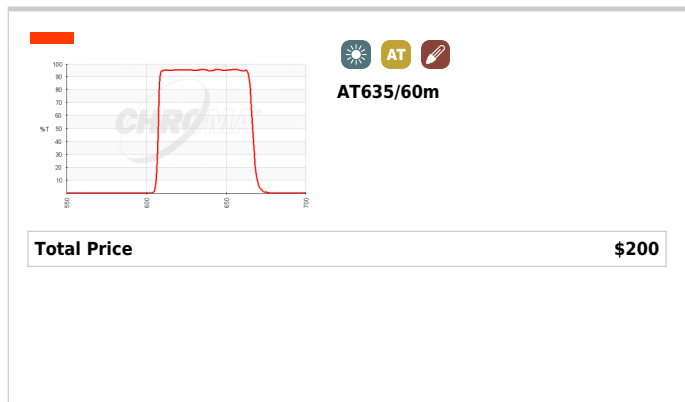
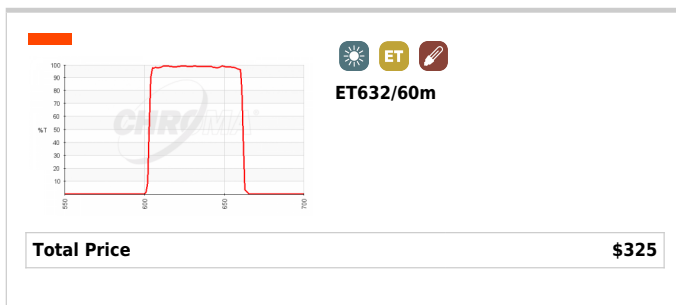
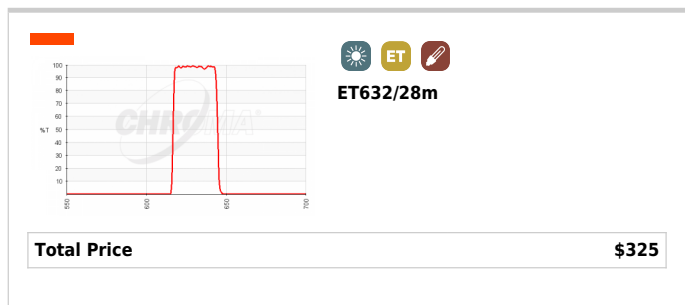
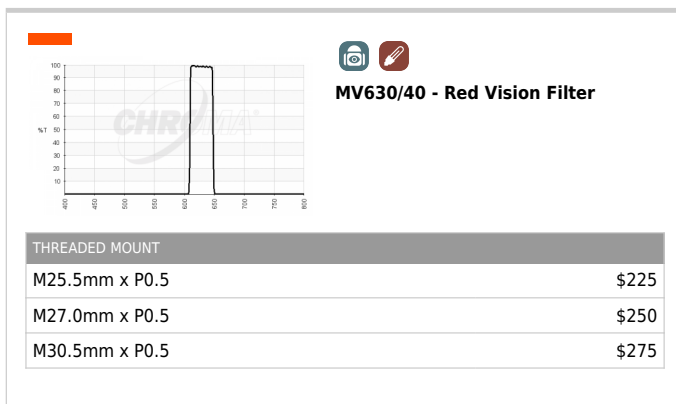
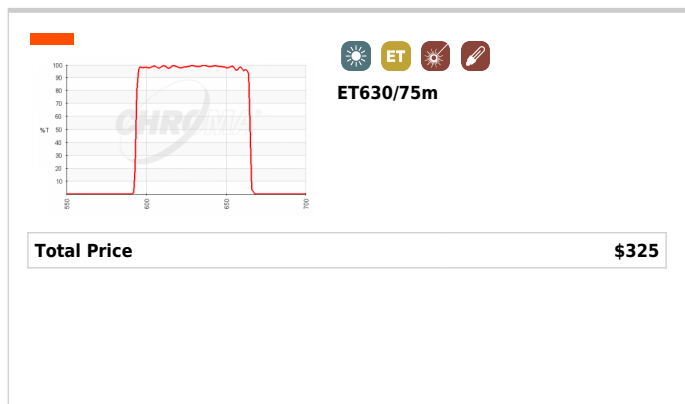
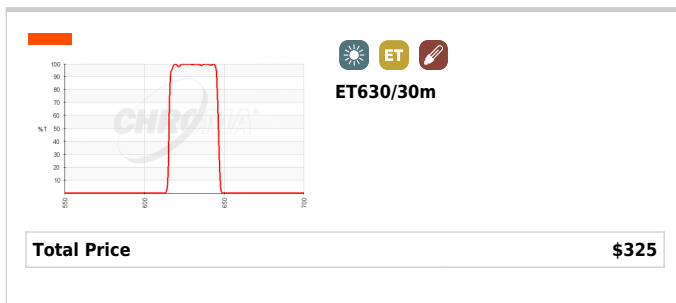
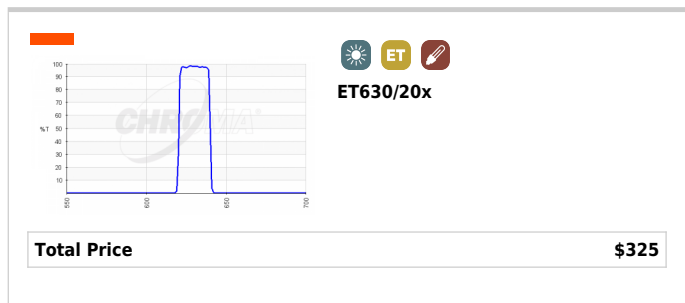
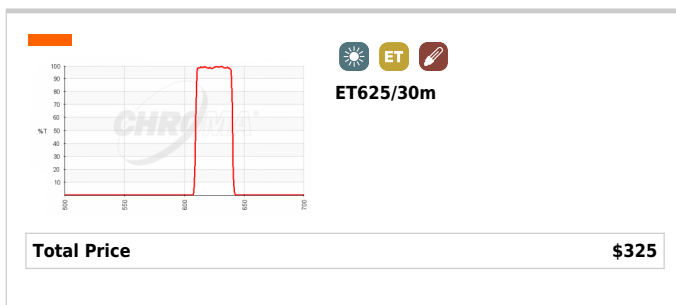
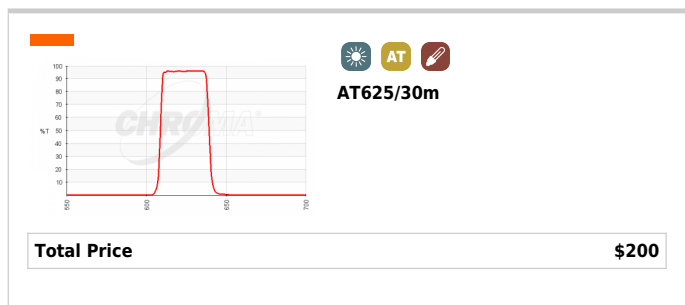
Total Price **\$200**

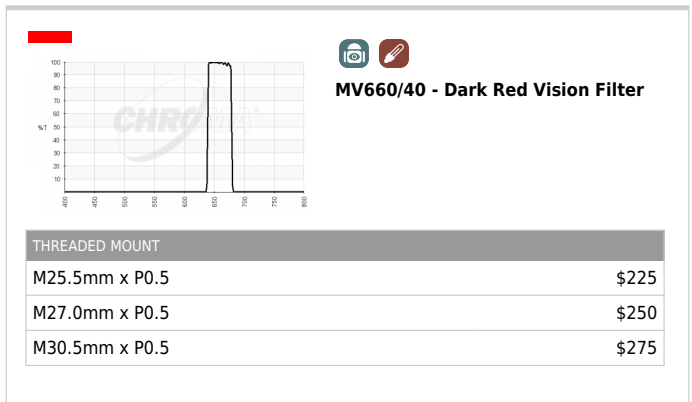
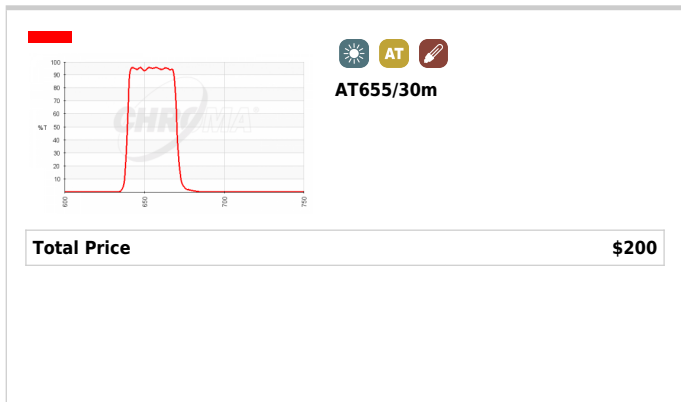
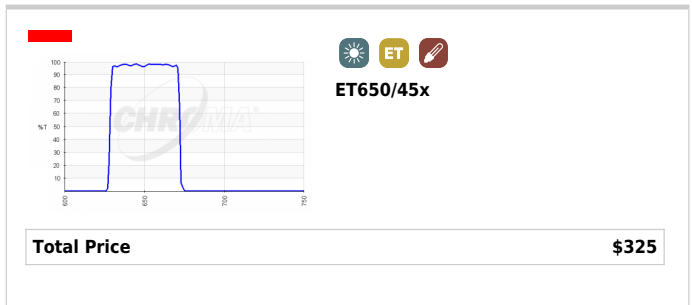
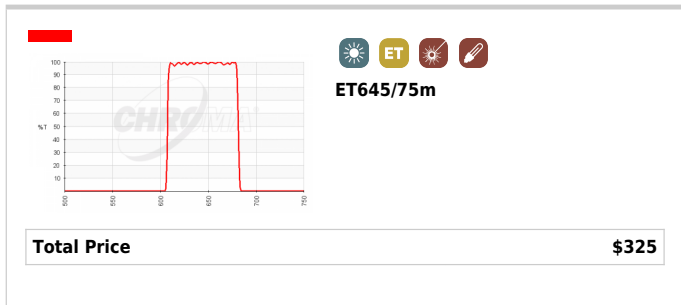
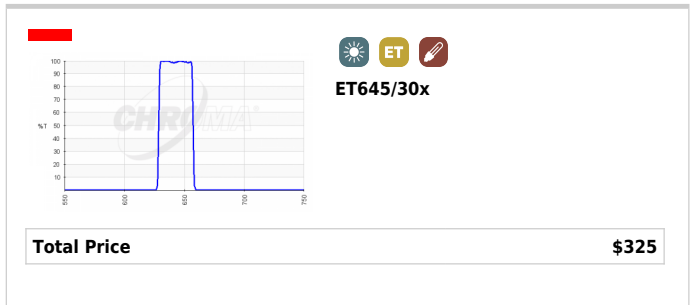
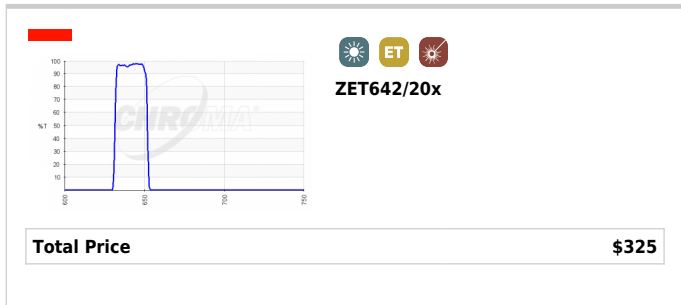
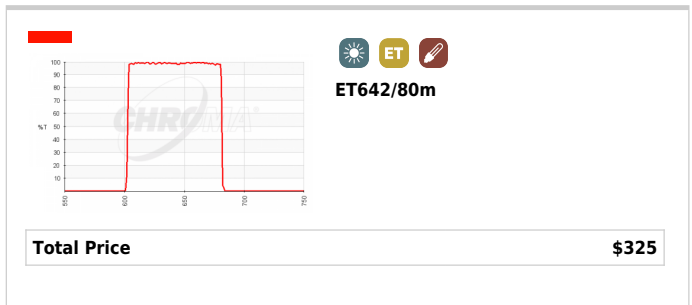
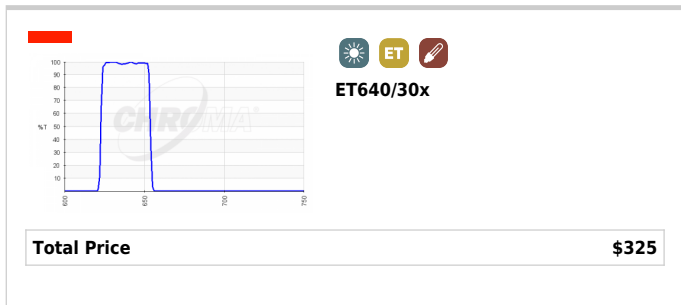
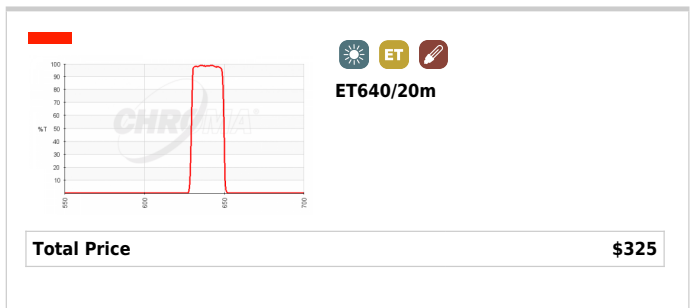
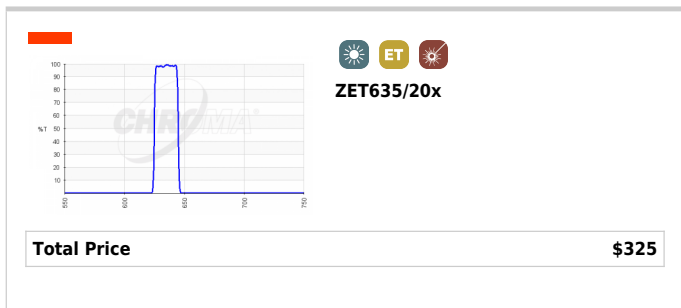


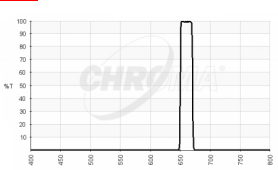
AT605/55m

Total Price **\$200**





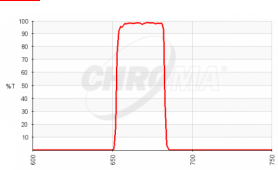




MV660/20 - Narrow Dark Red Vision Filter

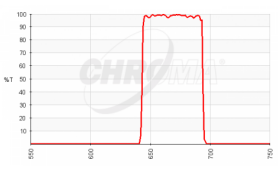
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



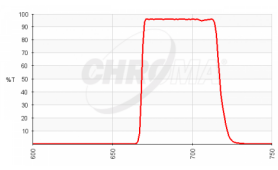
ET667/30m

Total Price **\$325**



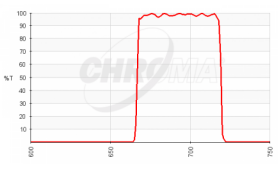
ET670/50m

Total Price **\$325**



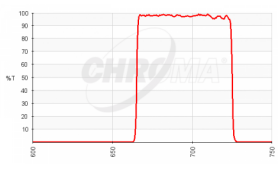
AT690/50m

Total Price **\$200**



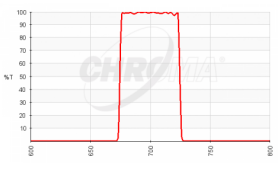
ET690/50m

Total Price **\$325**



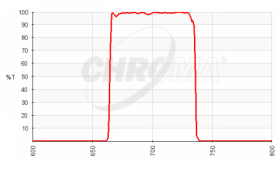
ET697/60m

Total Price **\$325**



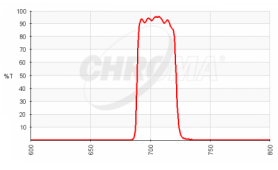
ET700/50m

Total Price **\$325**



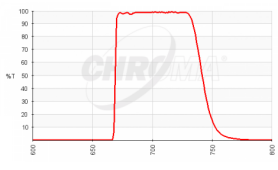
ET700/75m

Total Price **\$325**



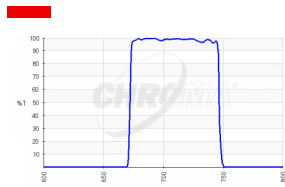
AT705/30m

Total Price **\$200**



ET705/72m

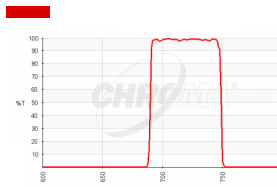
Total Price **\$325**



ET710/75x

Total Price

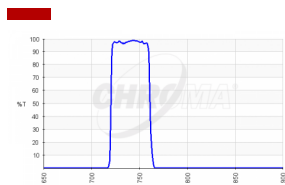
\$325



ET720/60m

Total Price

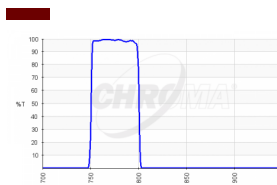
\$325



ET740/40x

Total Price

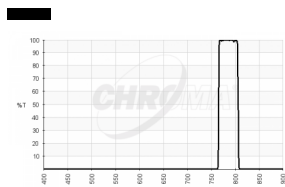
\$325



ET775/50x

Total Price

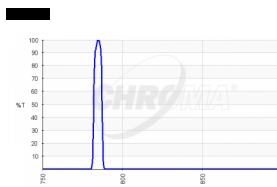
\$325



MV785/40 - 785nm NIR Vision Filter

THREADED MOUNT

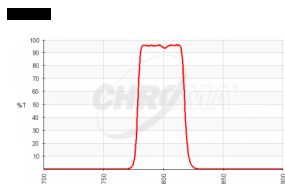
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



RET785/6x

Total Price

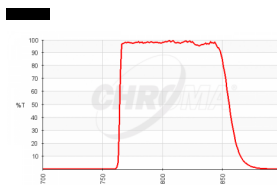
\$550



AT800/40m

Total Price

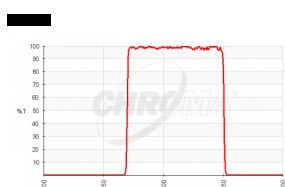
\$200



ET810/90m

Total Price

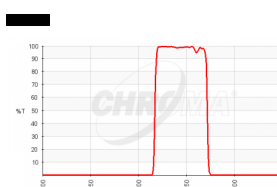
\$325



ET811/80m

Total Price

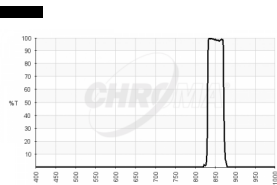
\$325



ET845/55m

Total Price

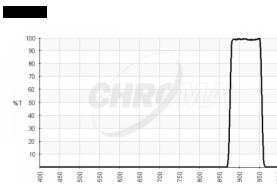
\$325



MV850/40 - 850nm NIR Vision Filter

THREADED MOUNT

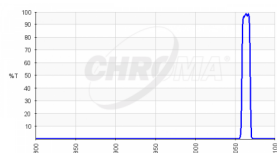
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV880/40 - 880nm NIR Vision Filter

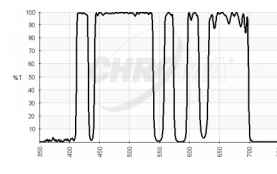
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



ZET1064/10x

Total Price **\$375**



LoGlow Light Pollution Filter - Blocks common spectral lines from lighting sources

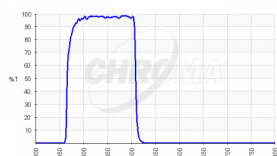
This filter provides balanced color for the visible spectrum while blocking most emission from metal-halide and vapor lamp sources which together contribute to sky glow.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$425

UNMOUNTED

31mm diameter	\$275
36mm diameter	\$355
50mm diameter	\$455
50x50mm square	\$465
65x65mm square	\$915



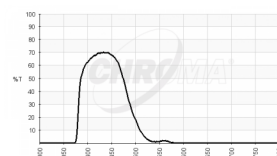
Blue - Blue filter for color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

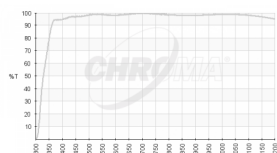
50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



B-Band Bessell - Blue photometric filter in UVBRI series

UNMOUNTED

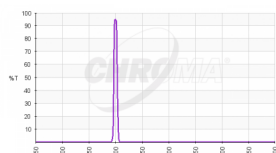
27mm diameter	\$137
50mm diameter	\$275
50x50mm square	\$275

**Clear - Clear Filter****THREADED MOUNT**

1.25" threaded ring	\$85
2" M48 threaded ring	\$185

UNMOUNTED

50mm diameter	\$165
50x50mm square	\$185
31mm diameter	\$90
36mm diameter	\$110
65x65mm square	\$375

**OIII 7nm Narrow Band - Doubly ionized oxygen spectral lines filter**

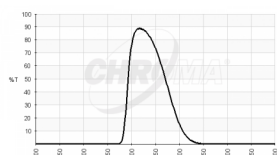
OIII 8nm Narrow Band filters isolate the doublet emission of doubly ionized Oxygen. After ionized hydrogen, this is the next most common emission when imaging nebulae. Doublet emission occurs at 495.9 and 500.7 nm.

THREADED MOUNT

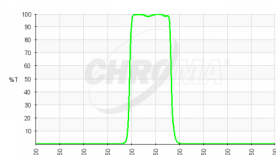
1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915

**V-Band Bessell - Green (Visible) photometric filter in UVBRI series****UNMOUNTED**

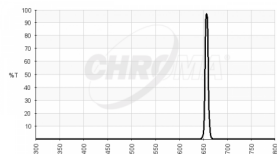
27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220

**Green - Green filter for color rendering with RGB set****THREADED MOUNT**

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



H-Alpha 8nm Narrow Band - H α spectral line filter

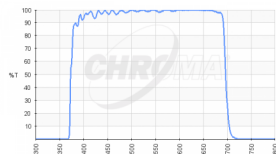
H-alpha filters are essential for imaging nebulae and other objects which are rich in ionized hydrogen. At 656.3nm, a narrow-band emission filter is required to separate H-Alpha from the H γ doublet (671.6nm and 673.1nm).

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915



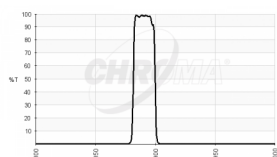
Lum - Luminance filter for enhancing color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



Jovian Methane Filter - Methane absorption band filter

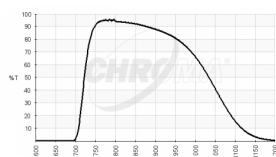
This filter enhances contrast when imaging objects containing significant levels of methane. Methane-rich components, such as in the atmosphere of the Jovian planets, will appear darker.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

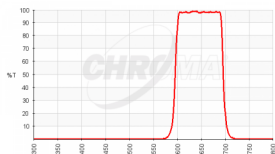
31mm diameter	\$275
36mm diameter	\$355
50mm diameter	\$455
50x50mm square	\$465
65x65mm square	\$915



I-Band Bessell - NIR photometric filter in UVBRI series

UNMOUNTED

27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220



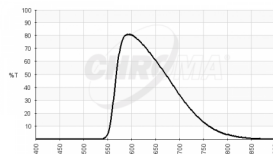
Red - Red filter for color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

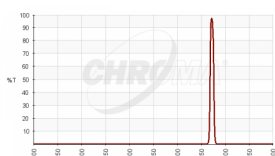
50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



R-Band Bessell - Red photometric filter in UVBRI series

UNMOUNTED

27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220



SII 8nm Narrow Band - Singly ionized sulfur spectral line filter

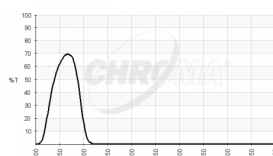
SII filters isolate the emission from ionized Sulfur atoms, also common in nebulae. Emission is at two lines occurring as a doublet, at 671.6 and 673.1 nm.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915



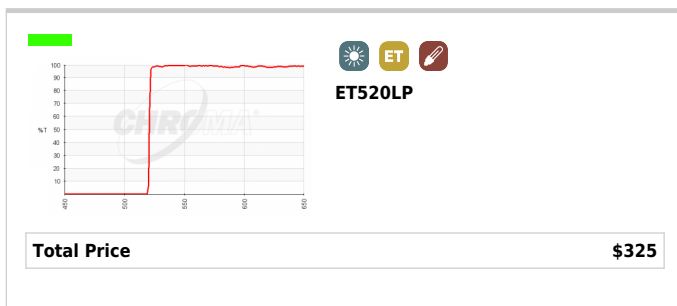
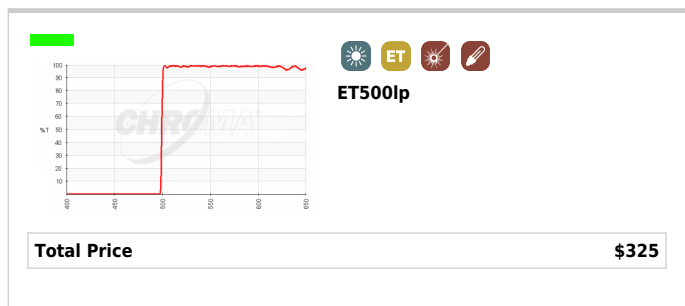
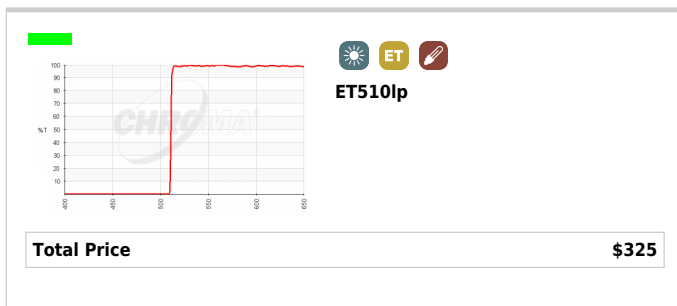
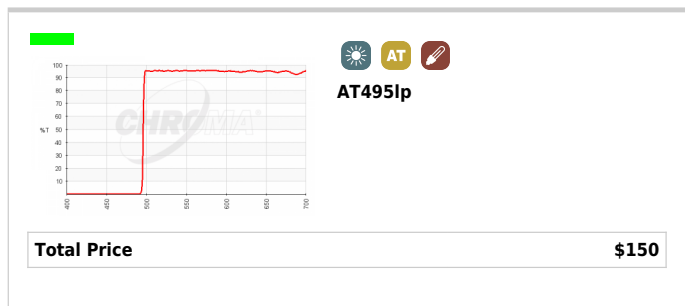
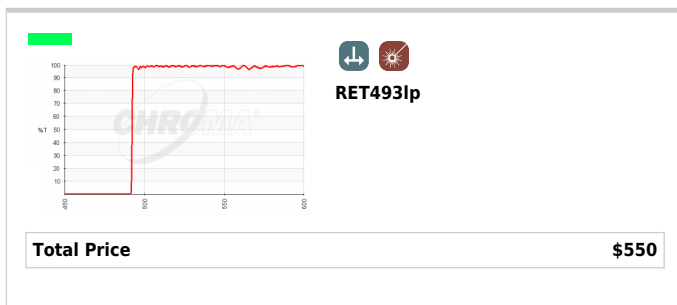
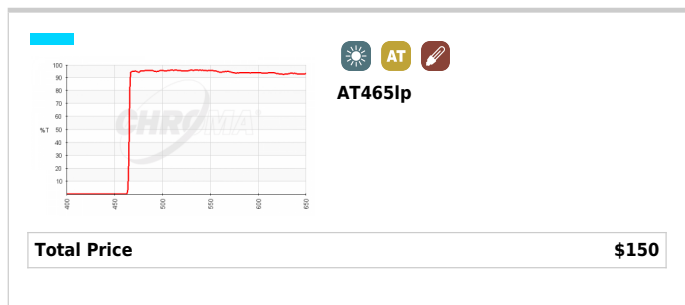
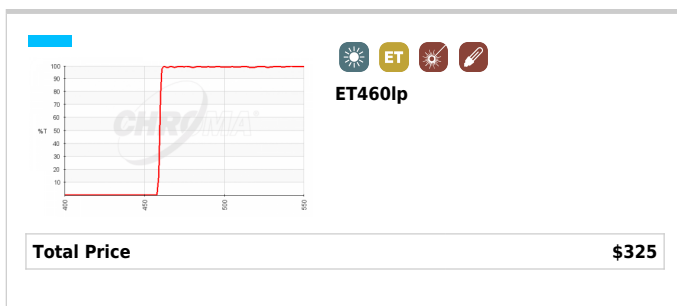
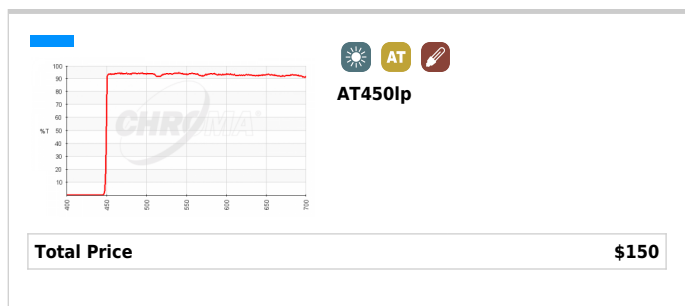
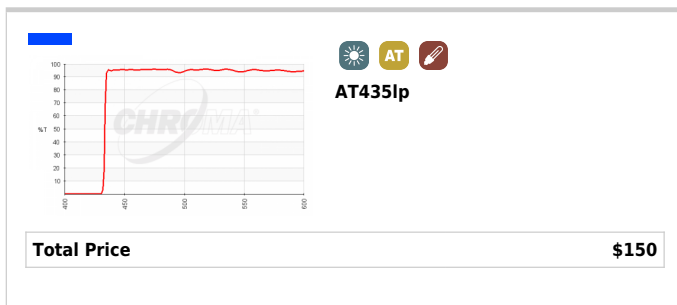
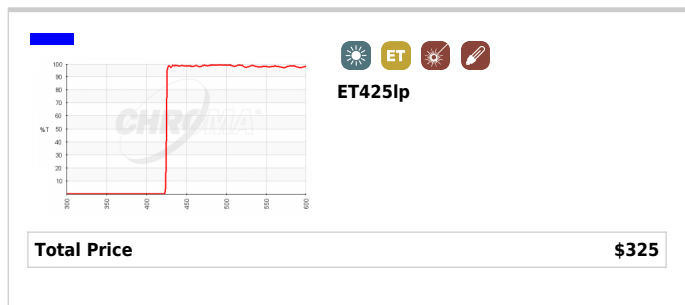
U-Band Bessell - UV photometric filter in UVBRI series

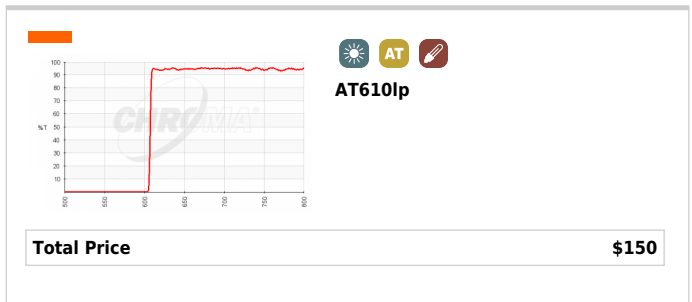
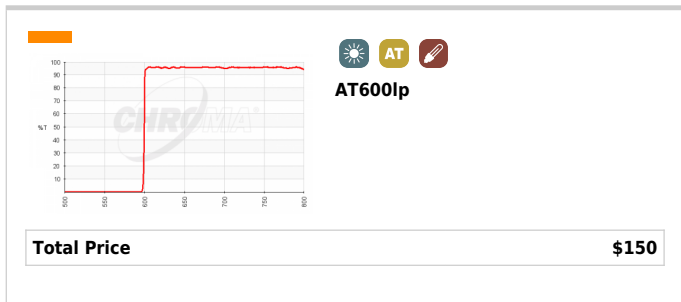
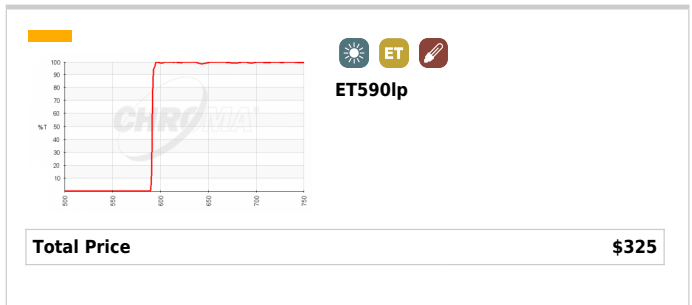
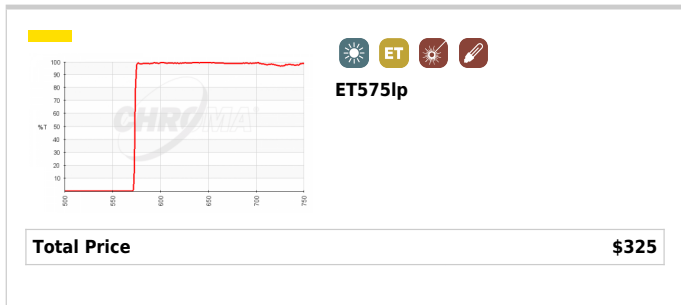
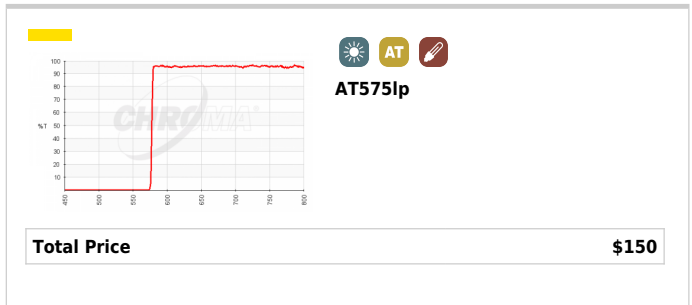
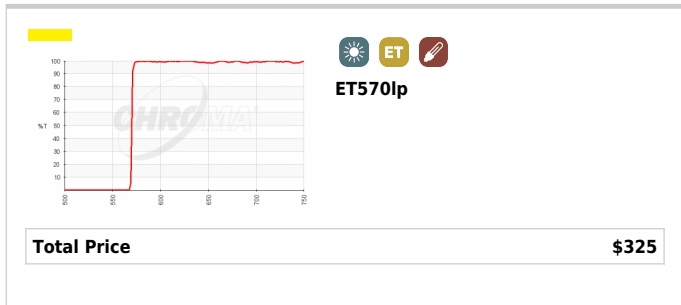
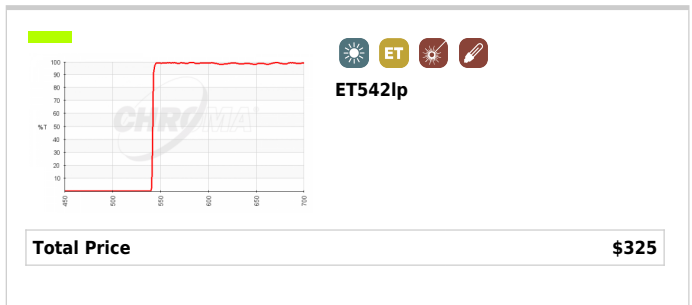
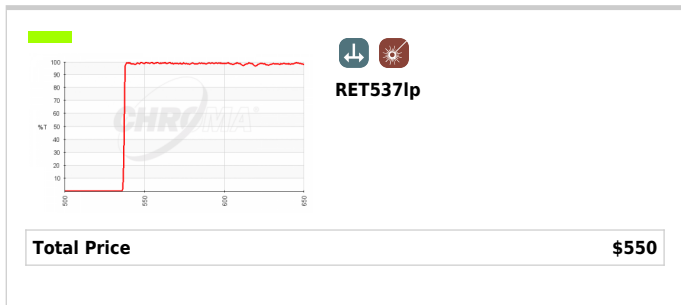
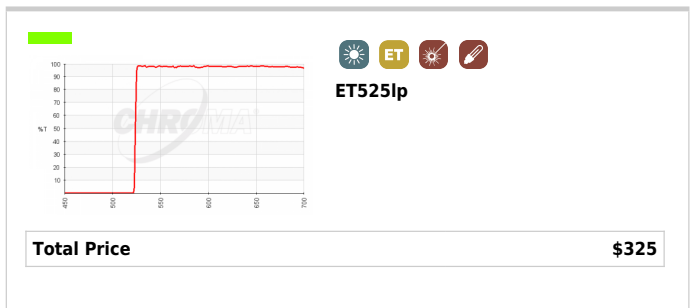
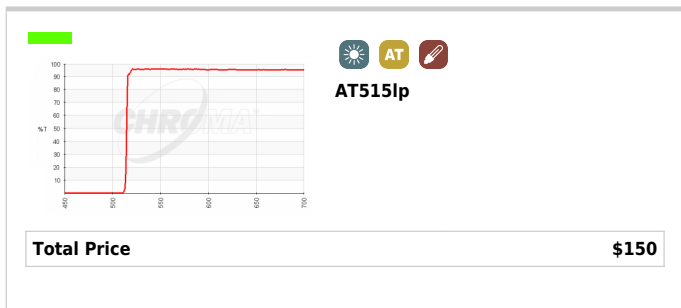
UNMOUNTED

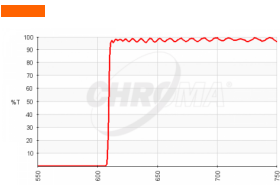
27mm diameter	\$137
50mm diameter	\$275
50x50mm square	\$275


INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Longpass Filters



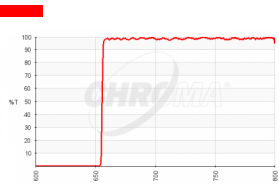







ET610lp

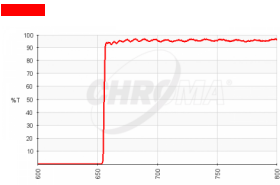
Total Price **\$325**






ET655lp

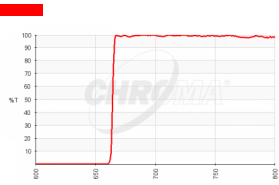
Total Price **\$325**






ET655lp-TRF

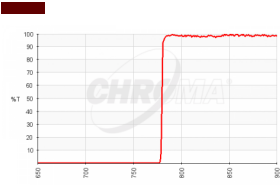
Total Price **\$550**






ET665lp

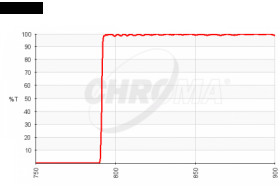
Total Price **\$325**






ET780lp

Total Price **\$325**



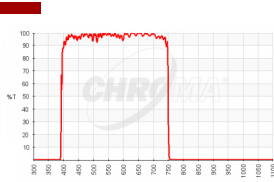





RET792lp

Total Price **\$550**

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Shortpass Filters





ET750sp-2p8

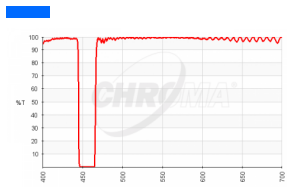
Multiphoton shortpass emission filter
Blocks multiphoton lasers between
780-1064nm to = OD8 average and
transmits between 400-745nm = 95%
average

Total Price


\$625

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Notch Rejection Filters



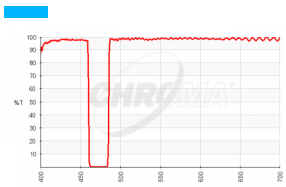
ET




ZET457NF - 457nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495



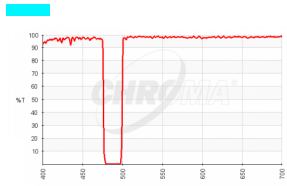
ET




ZET473NF - 473nm Laser Notch Filter

Total Price

\$495



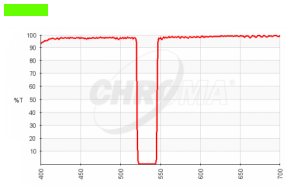
ET




ZET488NF - 488nm Laser Notch Filter

Total Price

\$495



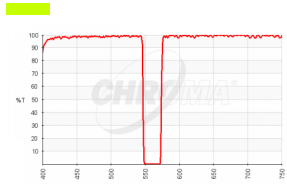
ET




ZET532NF - 532nm Laser Notch Filter

Total Price

\$495



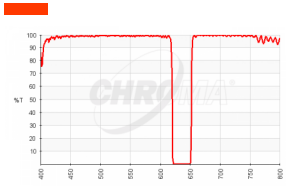
ET




ZET561NF - 561nm Laser Notch Filter

Total Price

\$495



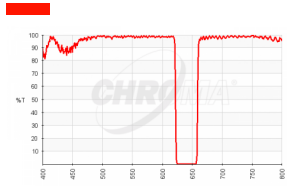
ET




ZET635NF - 635nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495



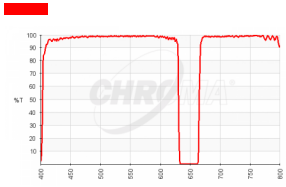
ET




ZET642NF - 642nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495



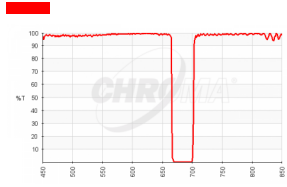
ET




ZET647NF - 647nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495



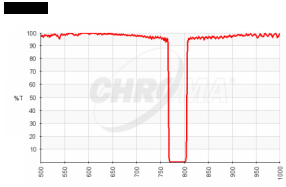
ET




ZET685NF - 685nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495



ET




ZET785NF - 785nm Laser Notch Filter
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$495


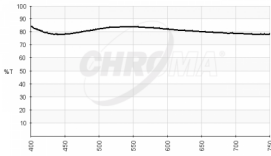
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Beamsplitters (50/50, etc.)




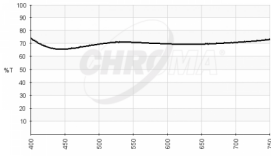
21012 - 10/90 Beamsplitter

Total Price\$125




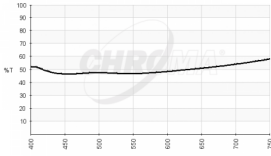
21008 - 20/80 Beamsplitter

Total Price\$125




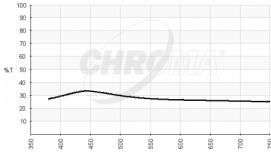
21009 - 30/70 Beamsplitter

Total Price\$125




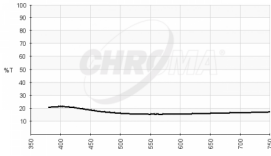
21000 - 50/50 Beamsplitter

Total Price\$125




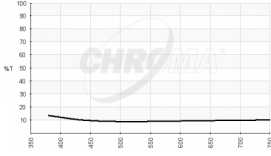
21007 - 70/30 Beamsplitter

Total Price\$125




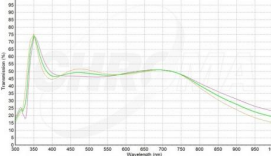
21001 - 80/20 Beamsplitter

Total Price\$125



21011 - 90/10 Beamsplitter

Total Price\$125

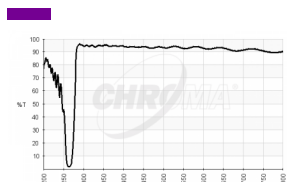


21014 - Silver sputtered non-polarizing 50/50 Vis Beamsplitter

Total Price\$275

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Single Edge and Single Band Dichroic Beamsplitters



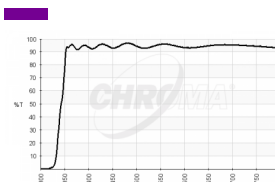
ET 45°

ZT266rdc

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$550



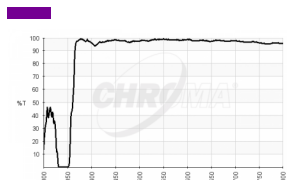
ET 45°

ZT325rdc-xt

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$500



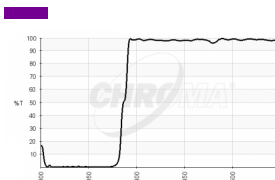
ET 45°

ZT349rdc

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$400

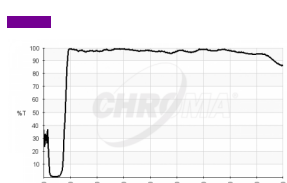


ET 45°

T387lp

Total Price

\$275



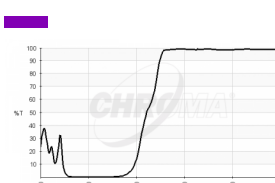
ET 45°

ZT375rdc

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

\$400

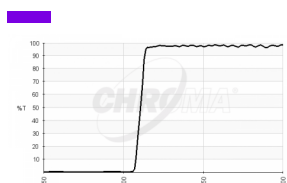


ET 45°

T400lp

Total Price

\$225

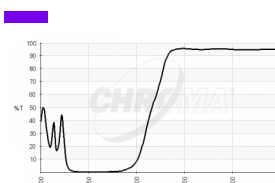


ET 45°

T412lppt

Total Price

\$225

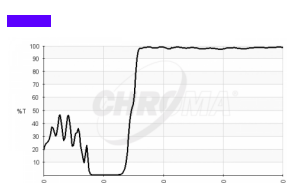


AT 45°

AT415DC

Total Price

\$150



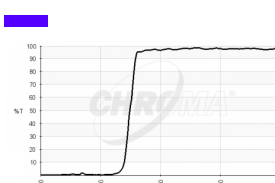
ET 45°

ZT405rdc

Reflects lasers between 392-415nm

Total Price

\$300

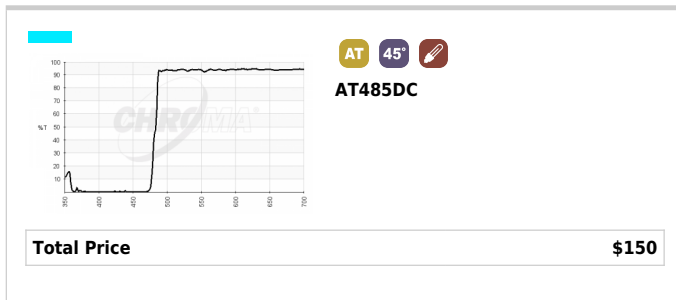
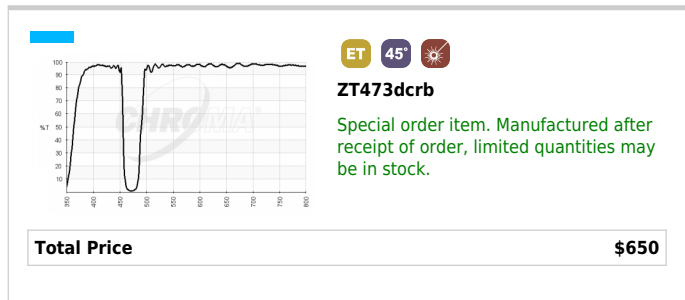
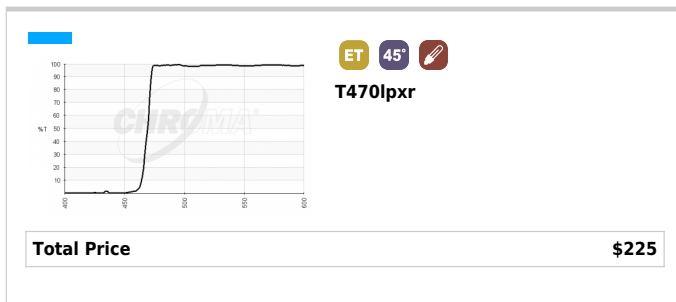
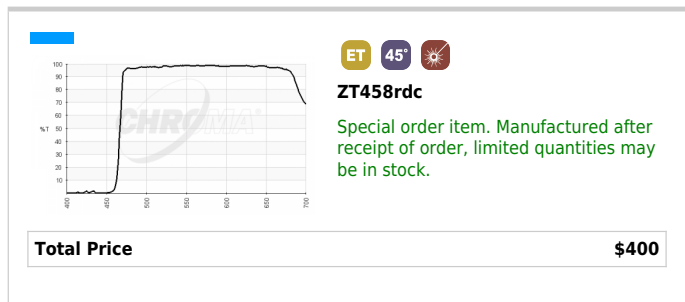
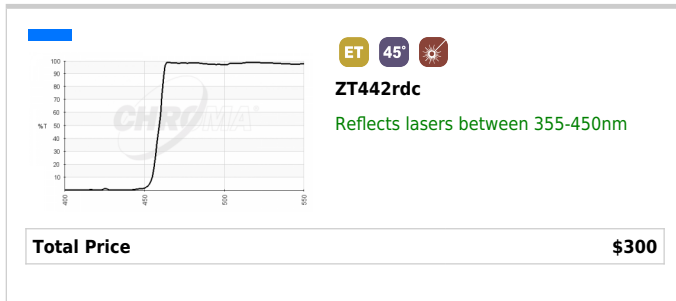
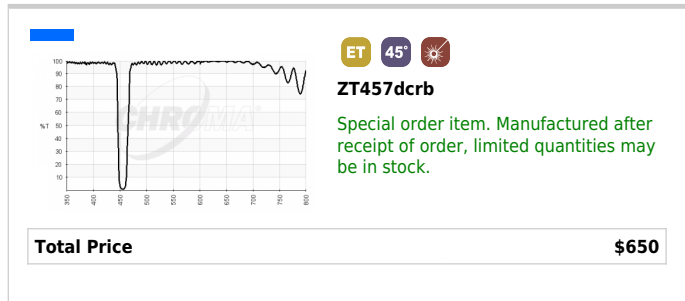
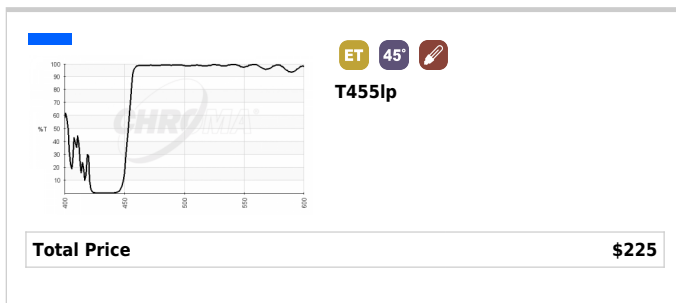
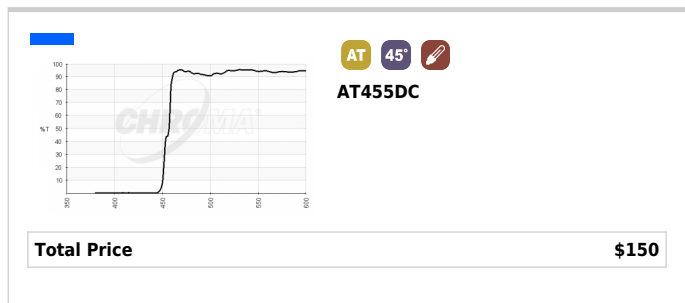
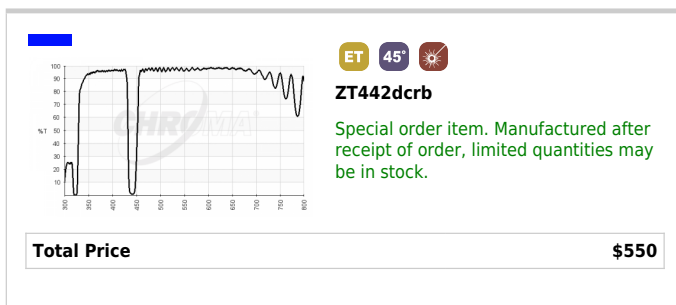
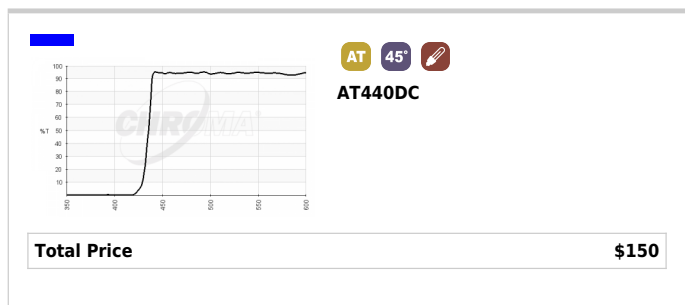


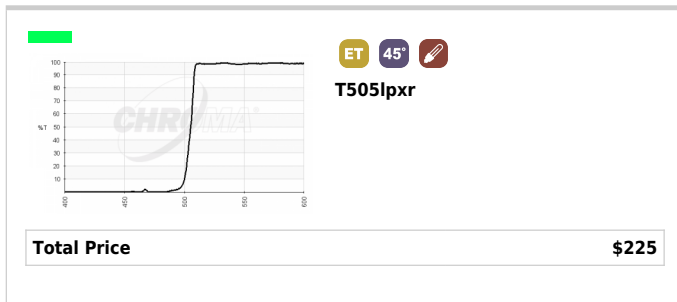
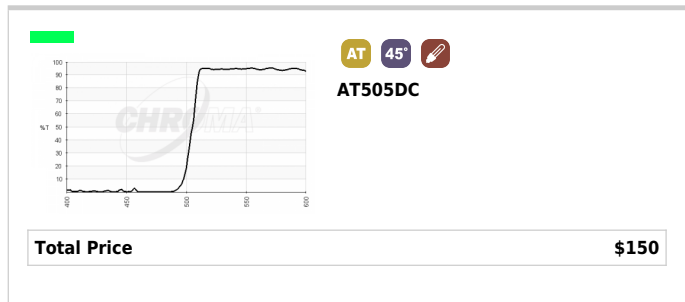
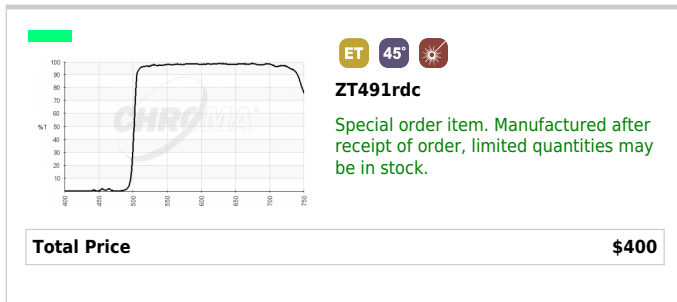
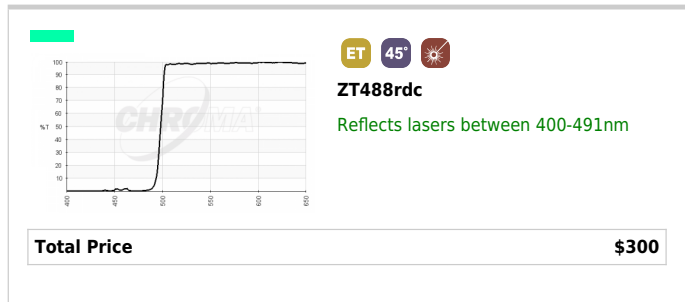
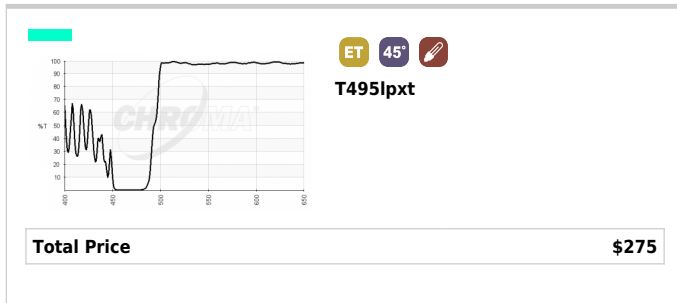
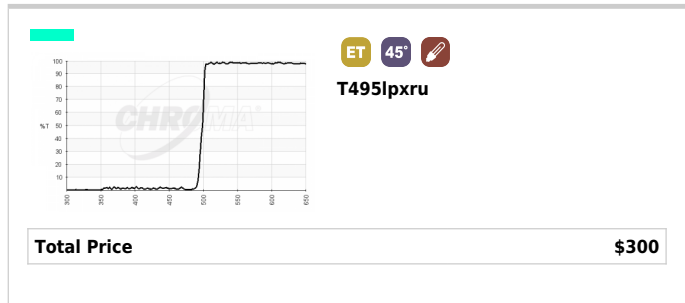
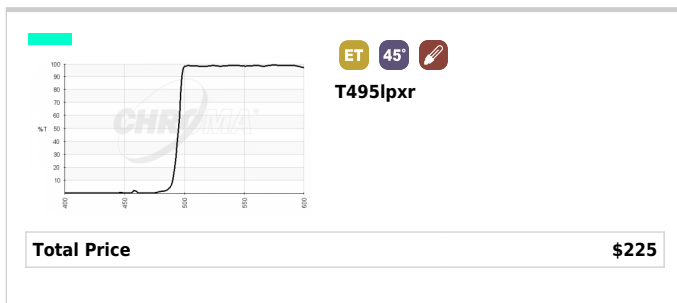
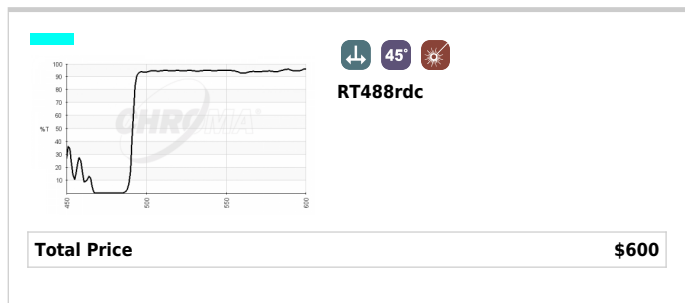
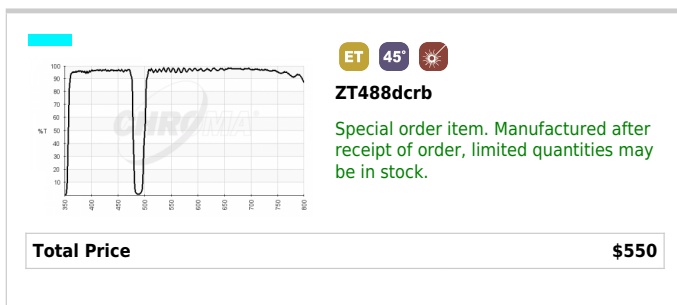
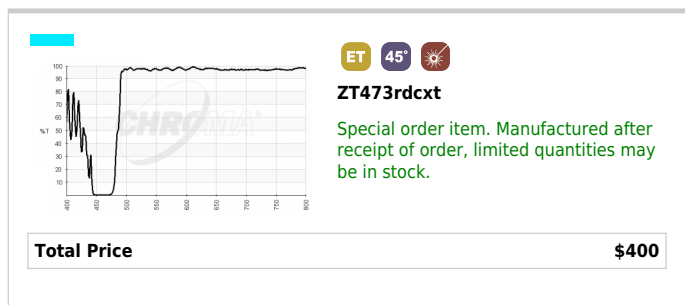
ET 45°

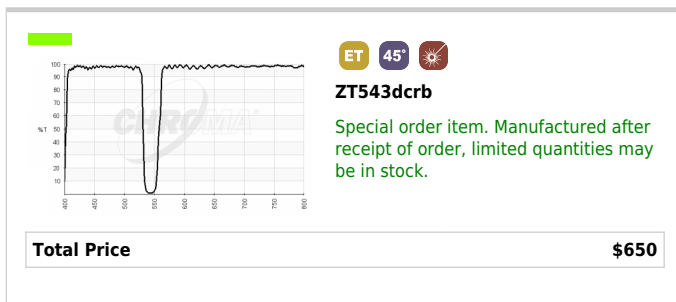
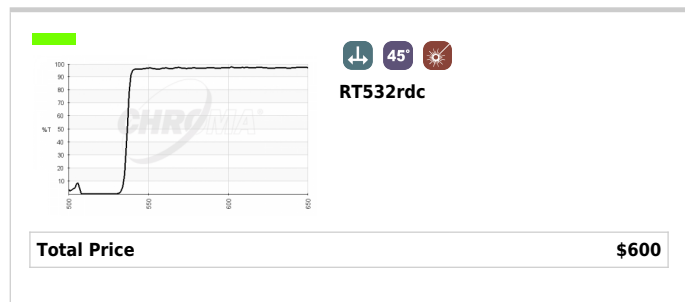
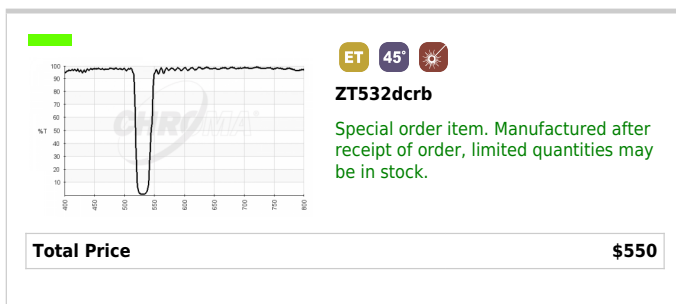
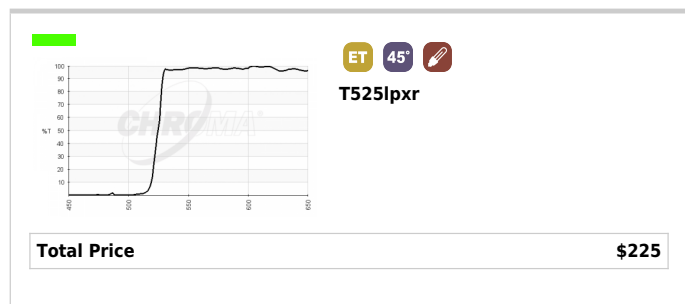
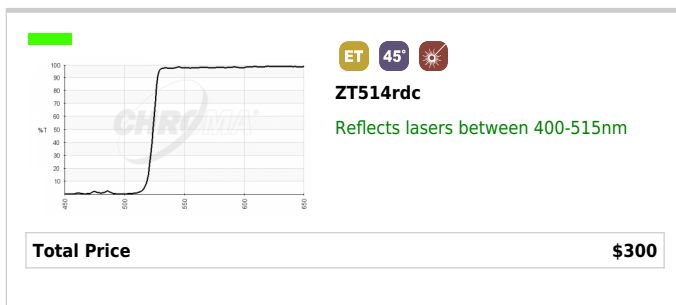
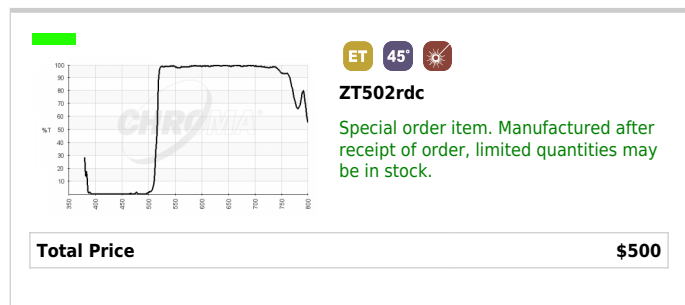
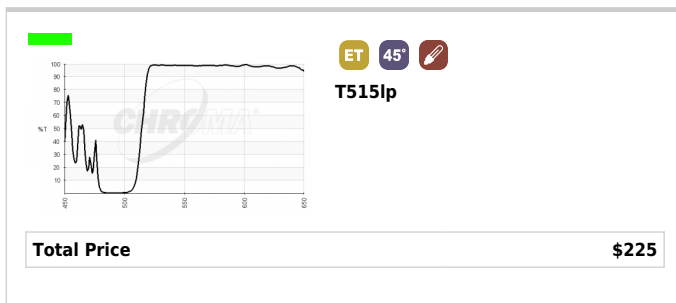
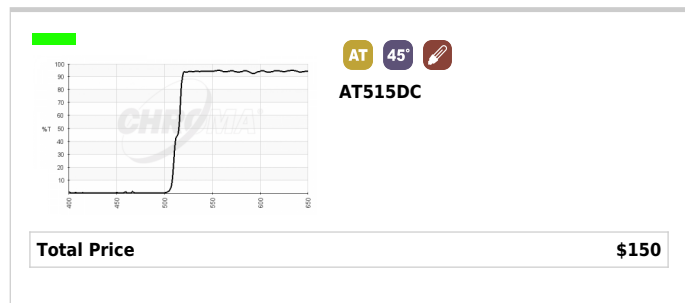
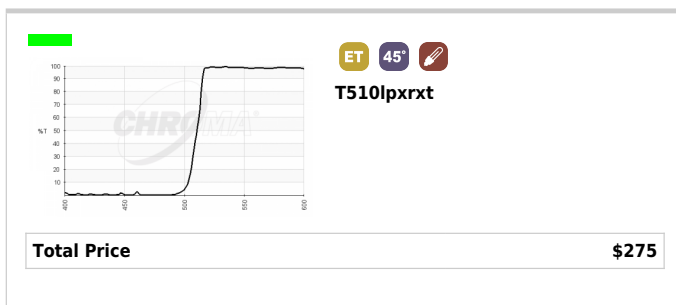
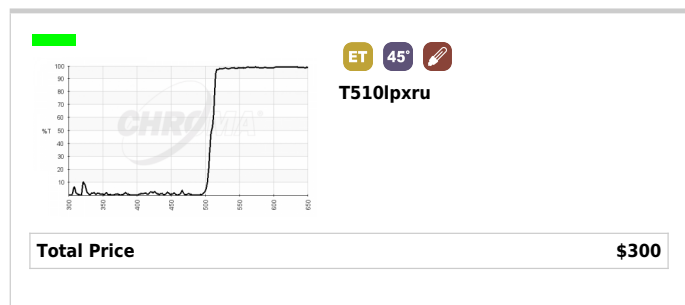
T425lpxr

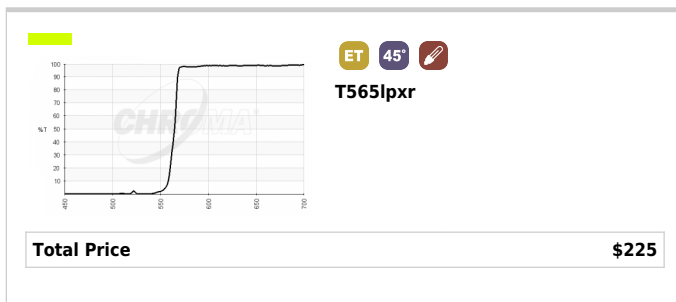
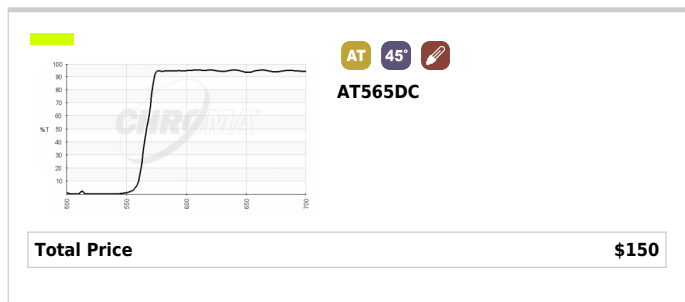
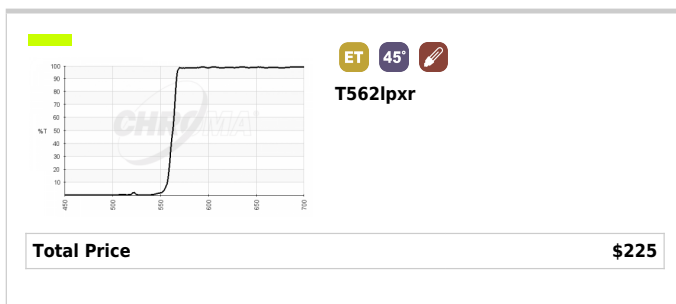
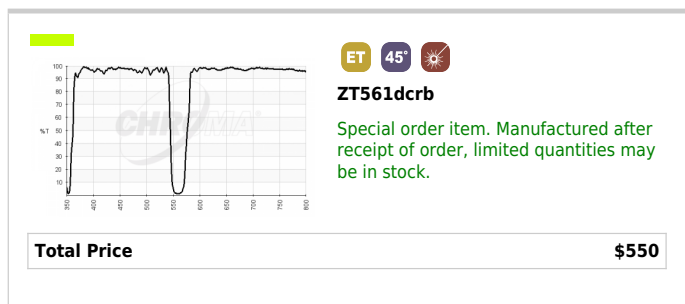
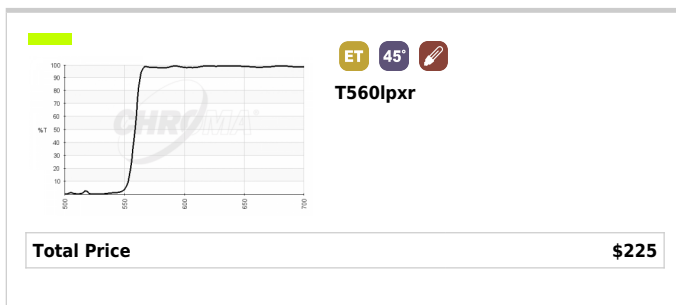
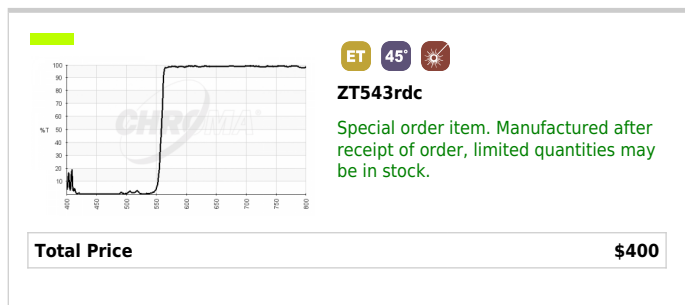
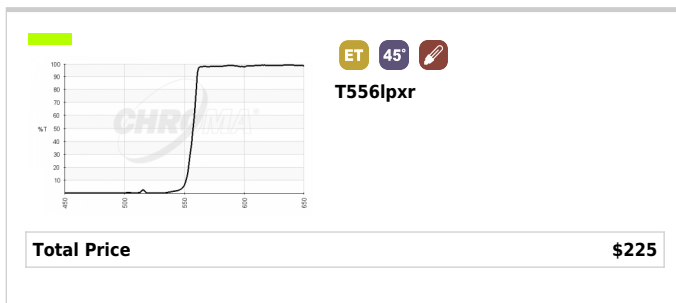
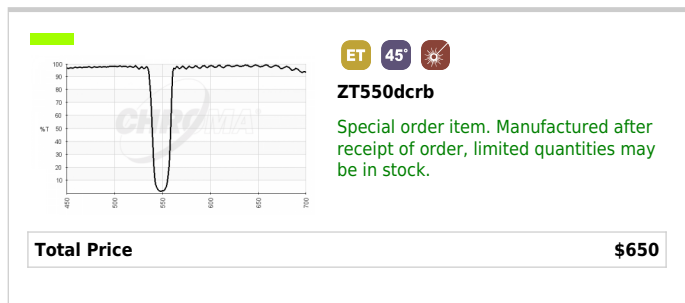
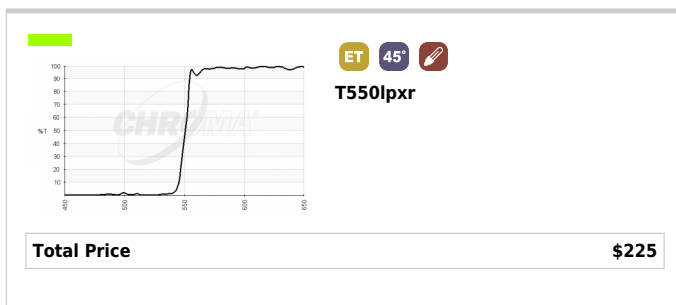
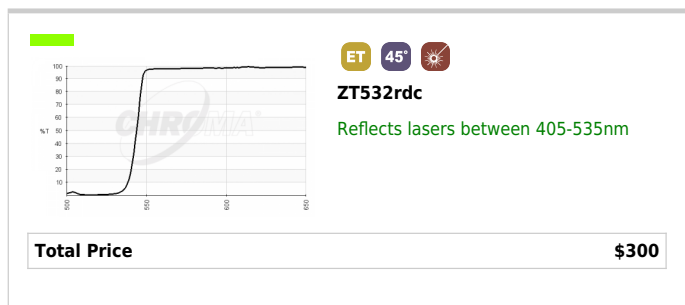
Total Price

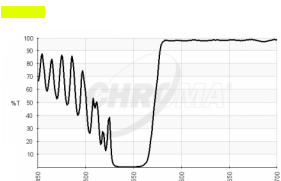
\$225



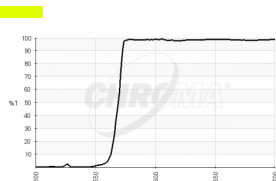




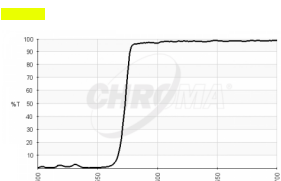




ET 45°

T570lp**Total Price****\$225**

ET 45°

T570lpxr**Total Price****\$225**

ET 45°

ZT561rdc

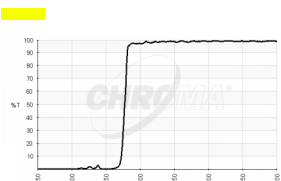
Reflects lasers between 430-564nm

Total Price**\$300**

ET 45°

ZT561rdc-xr

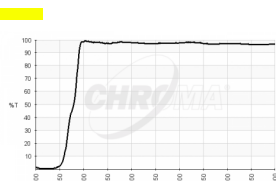
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$500**

ET 45°

ZT568rdc

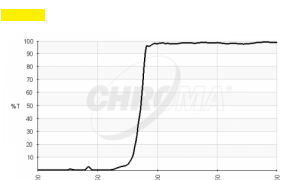
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$400**

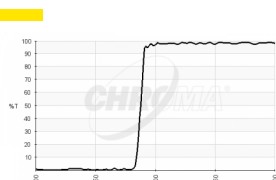
ET 45°

ZT543rdcxt-NIR

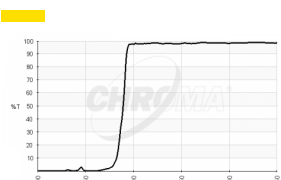
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$500**

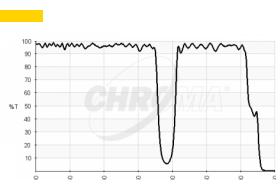
ET 45°

T585lpxr**Total Price****\$225**

ET 45°

T588lpxr**Total Price****\$225**

ET 45°

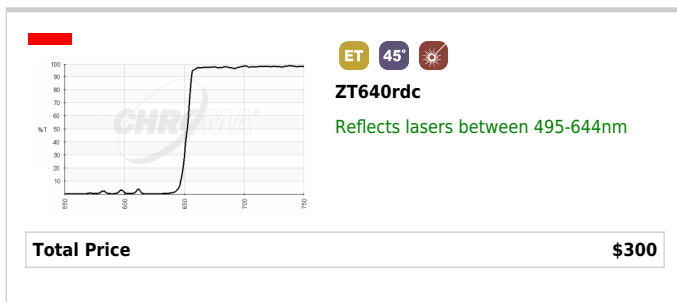
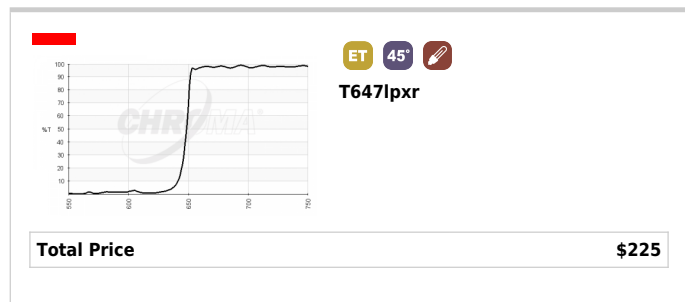
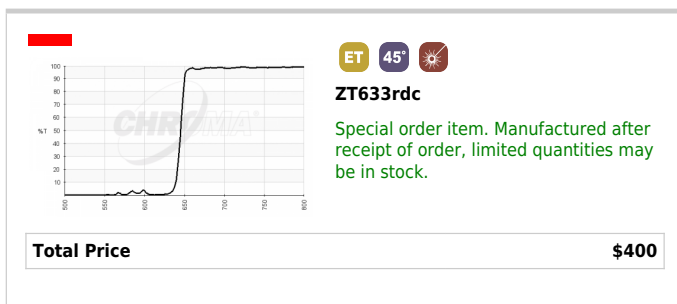
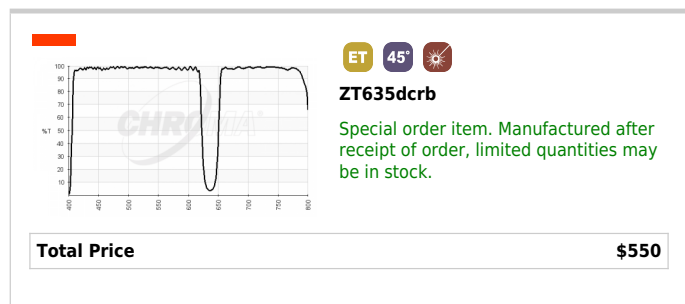
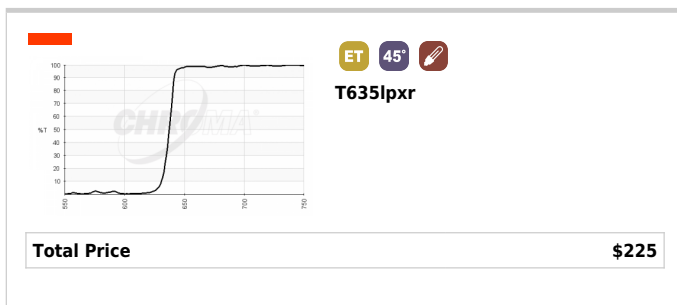
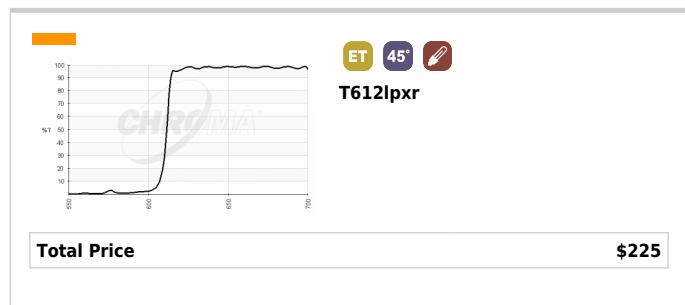
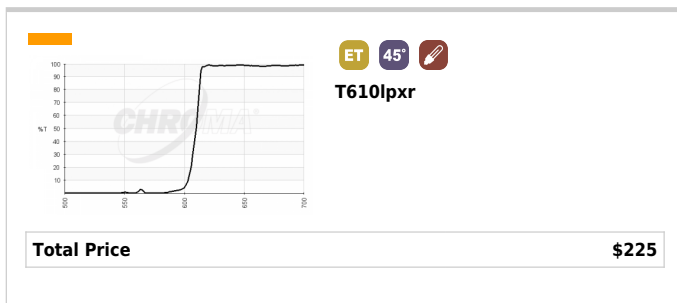
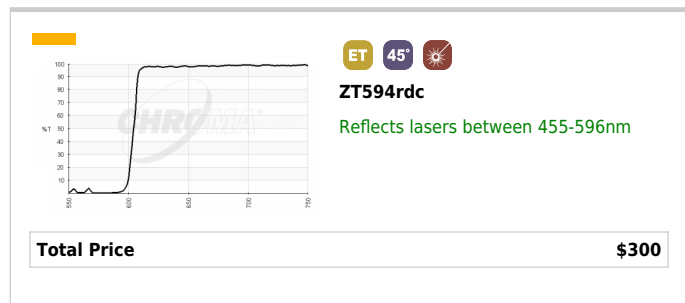
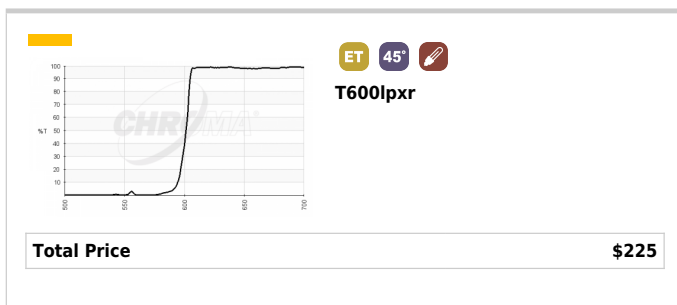
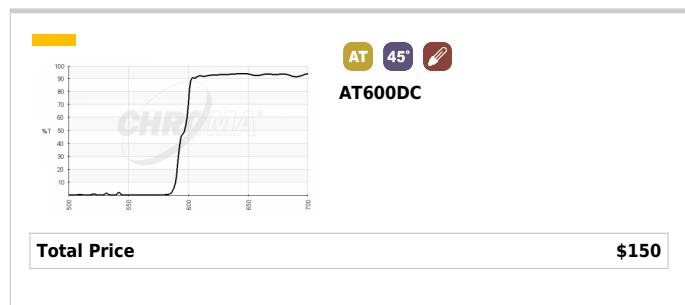
T590lpxr**Total Price****\$225**

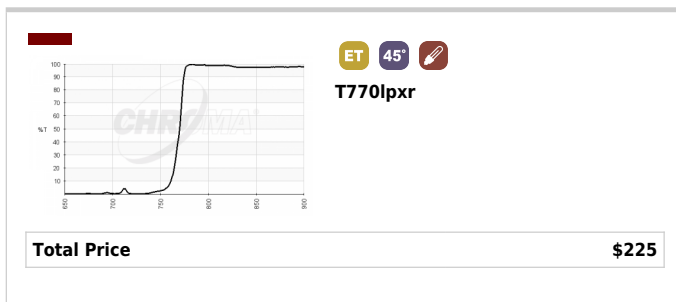
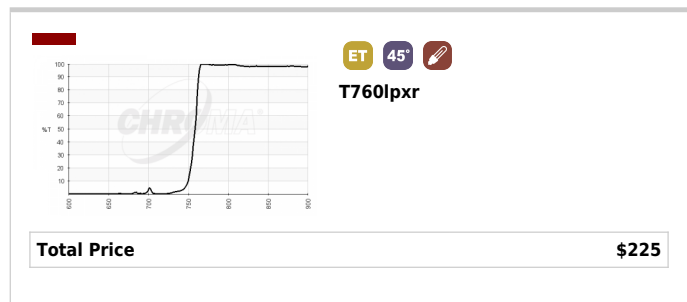
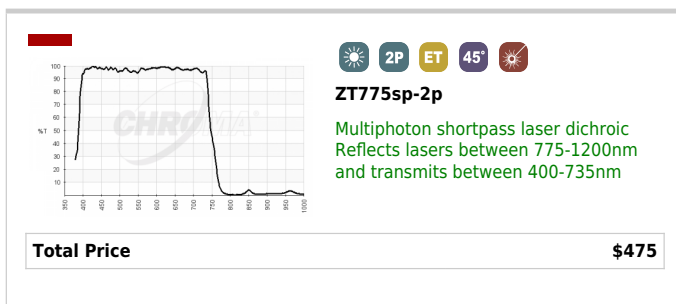
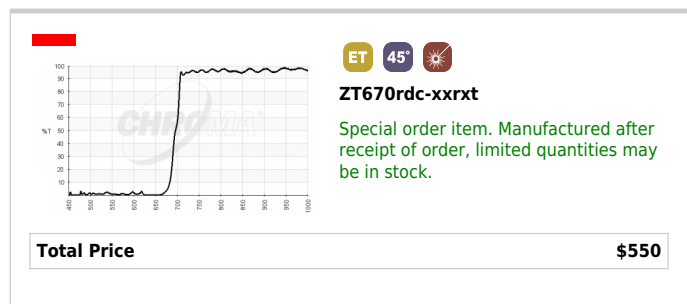
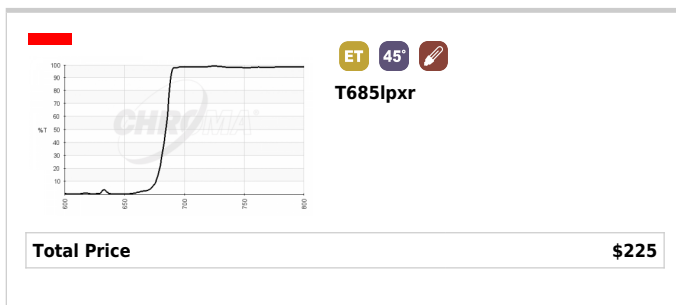
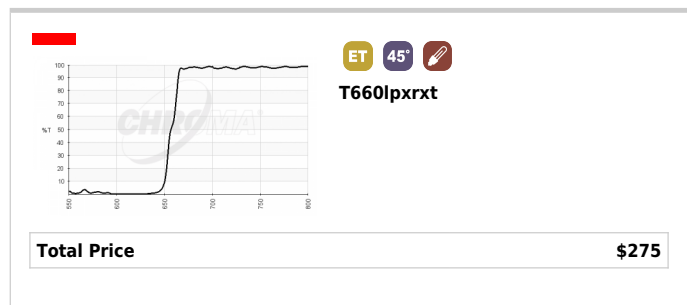
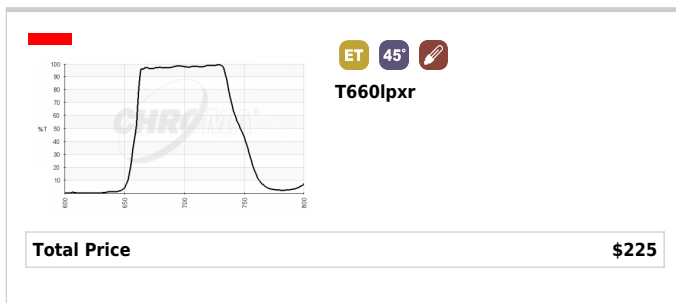
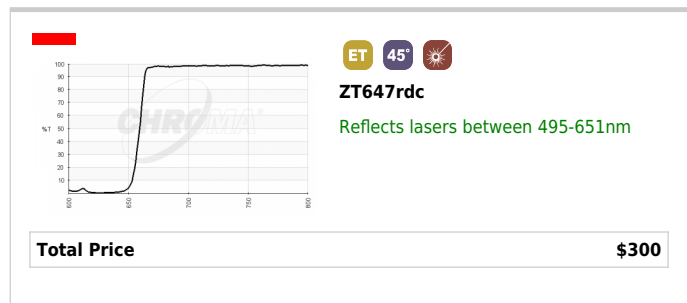
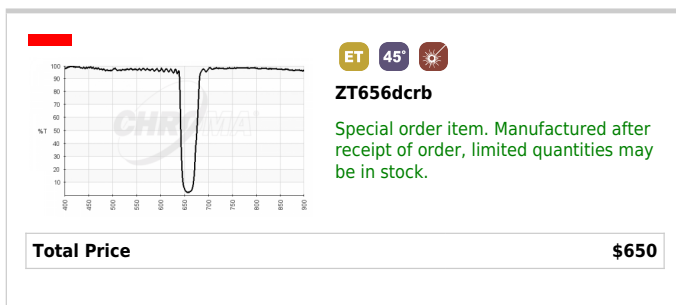
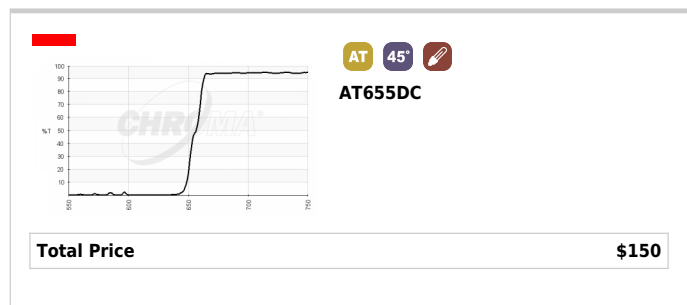
ET 45°

ZT594dcrb

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$550**





↓↑

45°

☀️

RT785rdc

Total Price

\$600

ET

45°

✎

T810lpxr

Total Price

\$225

ET

45°

☀️

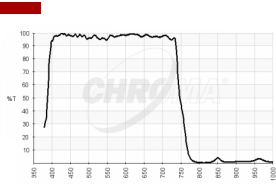
ZT1064rdc-sp
 Reflects lasers between 950-1150nm


Total Price

\$425

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Multiphoton Applications



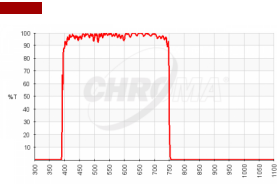



ZT775sp-2p

Multiphoton shortpass laser dichroic
Reflects lasers between 775-1200nm
and transmits between 400-735nm

Total Price

\$475





ET750sp-2p8

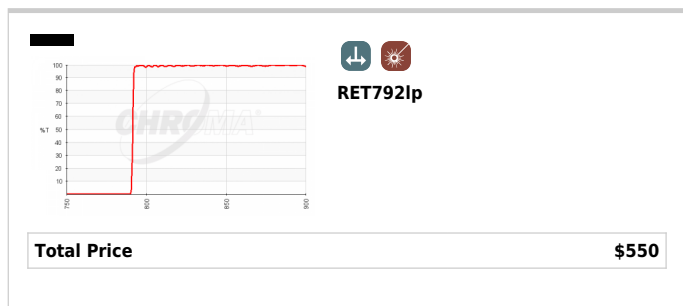
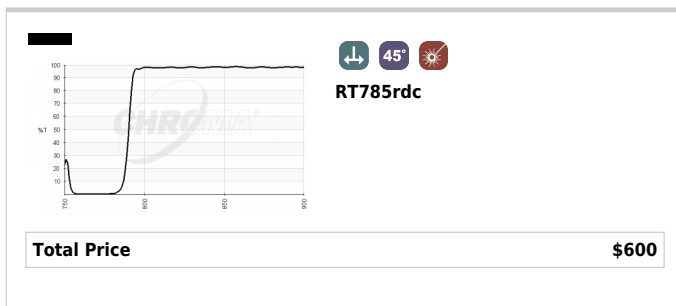
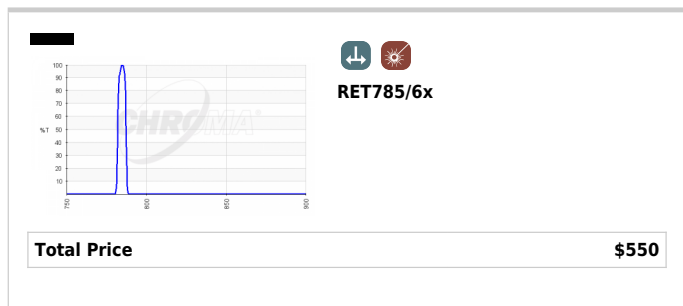
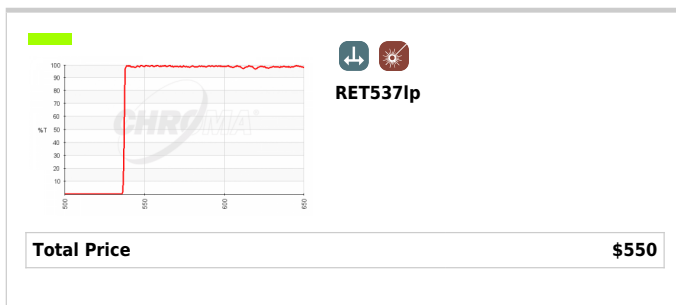
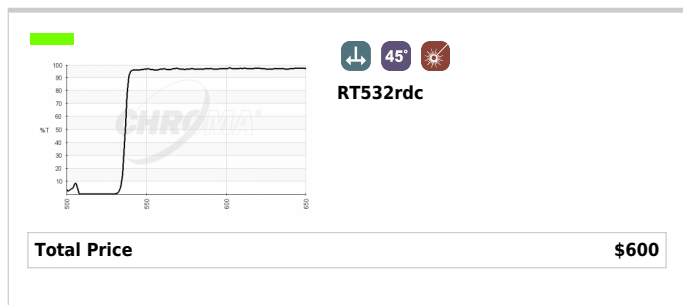
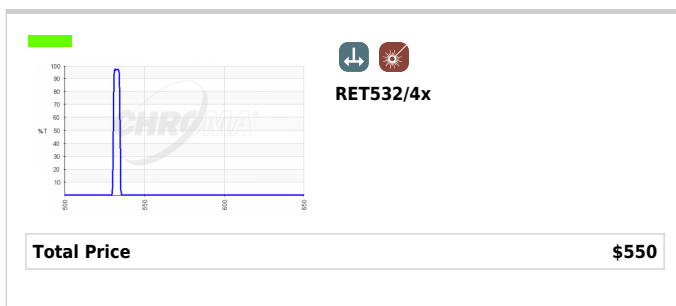
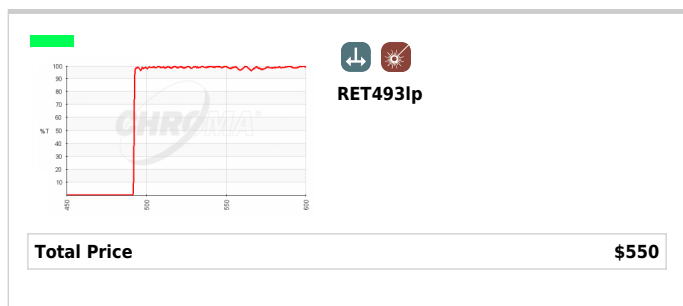
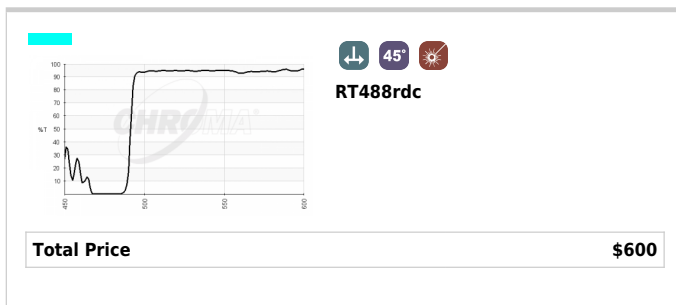
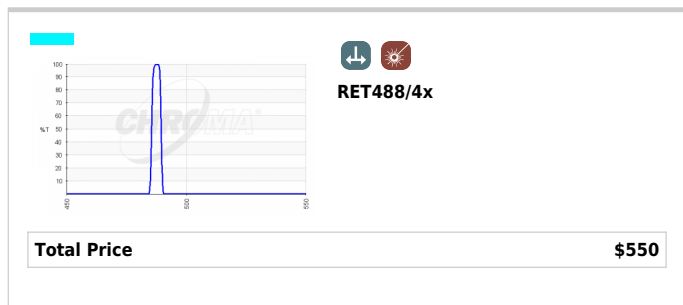
Multiphoton shortpass emission filter
Blocks multiphoton lasers between
780-1064nm to = OD8 average and
transmits between 400-745nm = 95%
average

Total Price

\$625

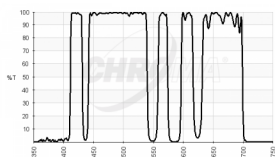
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Raman Applications



INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Astronomy Applications


LoGlow Light Pollution Filter -
Blocks common spectral lines from
lighting sources

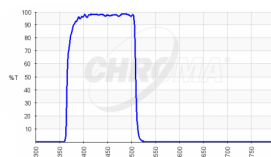
This filter provides balanced color for the visible spectrum while blocking most emission from metal-halide and vapor lamp sources which together contribute to sky glow.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$425

UNMOUNTED

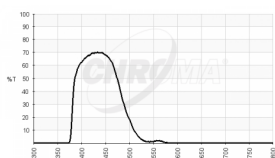
31mm diameter	\$275
36mm diameter	\$355
50mm diameter	\$455
50x50mm square	\$465
65x65mm square	\$915


Blue - Blue filter for color
rendering with RGB set
THREADED MOUNT

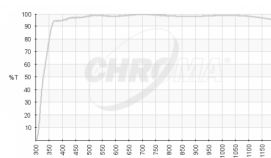
1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695


B-Band Bessell - Blue photometric
filter in UVBRI series
UNMOUNTED

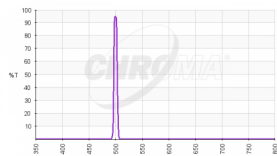
27mm diameter	\$137
50mm diameter	\$275
50x50mm square	\$275


Clear - Clear Filter
THREADED MOUNT

1.25" threaded ring	\$85
2" M48 threaded ring	\$185

UNMOUNTED

50mm diameter	\$165
50x50mm square	\$185
31mm diameter	\$90
36mm diameter	\$110
65x65mm square	\$375



OIII 7nm Narrow Band - Doubly ionized oxygen spectral lines filter

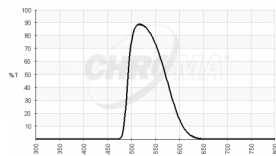
OIII 8nm Narrow Band filters isolate the doublet emission of doubly ionized Oxygen. After ionized hydrogen, this is the next most common emission when imaging nebulae. Doublet emission occurs at 495.9 and 500.7 nm.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

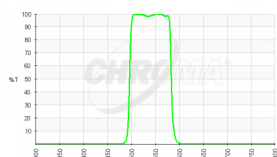
50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915



V-Band Bessell - Green (Visible) photometric filter in UVBRI series

UNMOUNTED

27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220



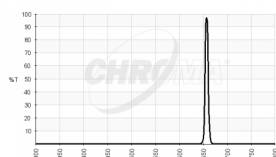
Green - Green filter for color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



H-Alpha 8nm Narrow Band - H α spectral line filter

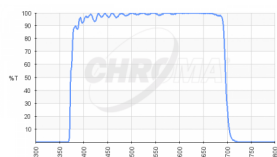
H-alpha filters are essential for imaging nebulae and other objects which are rich in ionized hydrogen. At 656.3nm, a narrow-band emission filter is required to separate H-Alpha from the H γ doublet (671.6nm and 673.1nm).

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915



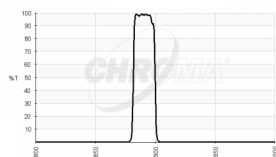
Lum - Luminance filter for enhancing color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



Jovian Methane Filter - Methane absorption band filter

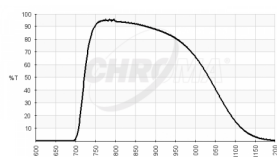
This filter enhances contrast when imaging objects containing significant levels of methane. Methane-rich components, such as in the atmosphere of the Jovian planets, will appear darker.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

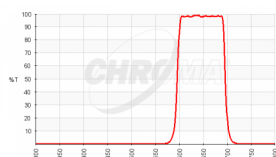
31mm diameter	\$275
36mm diameter	\$355
50mm diameter	\$455
50x50mm square	\$465
65x65mm square	\$915



I-Band Bessell - NIR photometric filter in UVBRI series

UNMOUNTED

27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220



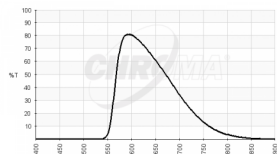
Red - Red filter for color rendering with RGB set

THREADED MOUNT

1.25" threaded ring	\$125
2" M48 threaded ring	\$250

UNMOUNTED

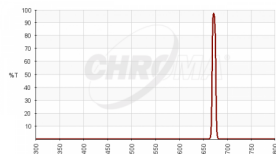
50mm diameter	\$230
50x50mm square	\$285
31mm diameter	\$130
36mm diameter	\$155
65x65mm square	\$695



R-Band Bessel - Red photometric filter in UVBRI series

UNMOUNTED

27mm diameter	\$110
50mm diameter	\$220
50x50mm square	\$220



SII 8nm Narrow Band - Singly ionized sulfur spectral line filter

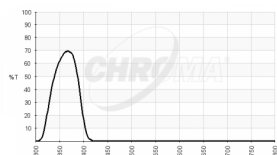
SII filters isolate the emission from ionized Sulfur atoms, also common in nebulae. Emission is at two lines occurring as a doublet, at 671.6 and 673.1 nm.

THREADED MOUNT

1.25" threaded ring	\$265
2" M48 threaded ring	\$475

UNMOUNTED

50mm diameter	\$455
50x50mm square	\$465
31mm diameter	\$275
36mm diameter	\$355
65x65mm square	\$915



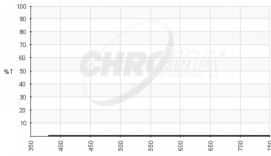
U-Band Bessel - UV photometric filter in UVBRI series


UNMOUNTED

27mm diameter	\$137
50mm diameter	\$275
50x50mm square	\$275

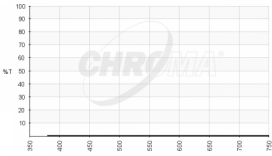
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS


Neutral Density Filters



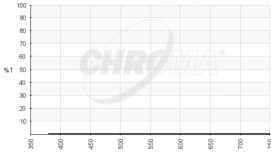
 **ND 3.0 B - .1% Trans - 0.1% transmission (26mm - 36mm diameter)**


Total Price\$100



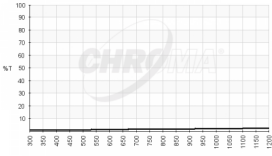
 **ND 3.0 A - .1% Trans - 0.1% transmission (25mm or smaller diameter)**


Total Price\$60



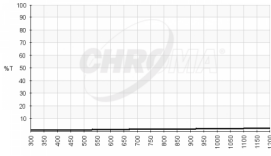
 **ND 3.0 C - .1% Trans - 0.1% transmission (37mm - 50mm diameter)**


Total Price\$150



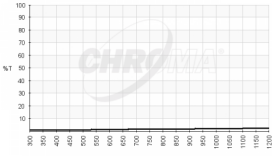
 **ND 2.0 B - 1% Trans - 1.0% transmission (26mm - 36mm diameter)**


Total Price\$100



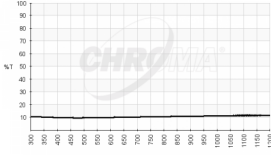
 **ND 2.0 A - 1% Trans - 1.0% transmission (25mm or smaller diameter)**


Total Price\$60



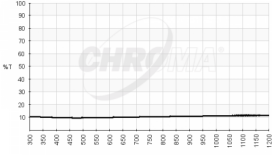
 **ND 2.0 C - 1% Trans - 1.0% transmission (37mm - 50mm diameter)**


Total Price\$150



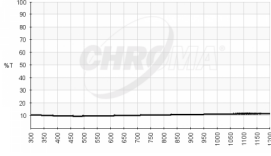
 **ND 1.0 B - 10% Trans - 10.0% transmission (26mm - 36mm diameter)**


Total Price\$100



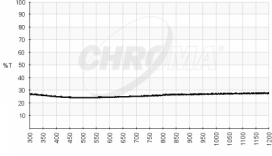
 **ND 1.0 A - 10% Trans - 10.0% transmission (25mm or smaller diameter)**


Total Price\$60



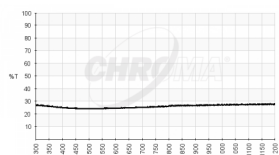
 **ND 1.0 C - 10% Trans - 10.0% transmission (37mm - 50mm diameter)**

Total Price\$150



 **ND 0.6 B - 25% Trans - 25.0% transmission (26mm - 36mm diameter)**

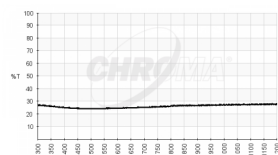
Total Price\$100



**ND 0.6 A - 25% Trans - 25.0%
transmission (25mm or smaller
diameter)**

Total Price

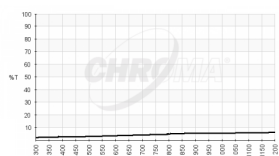
\$60



**ND 0.6 C - 25% Trans - 25.0%
transmission (37mm - 50mm
diameter)**

Total Price

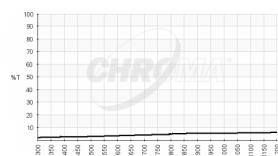
\$150



**ND 1.5 B - 3% Trans - 3.0%
transmission (26mm - 36mm
diameter)**

Total Price

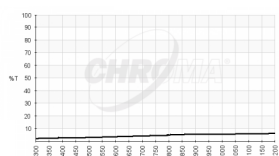
\$100



**ND 1.5 A - 3% Trans - 3.0%
transmission (25mm or smaller
diameter)**

Total Price

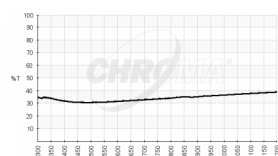
\$60



**ND 1.5 C - 3% Trans - 3.0%
transmission (37mm - 50mm
diameter)**

Total Price

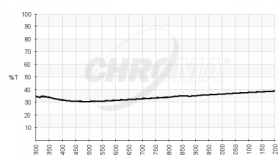
\$150



**ND 0.5 B - 32% Trans - 32.0%
transmission (26mm - 36mm
diameter)**

Total Price

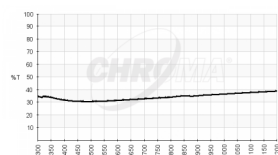
\$100



**ND 0.5 A - 32% Trans - 32.0%
transmission (25mm or smaller
diameter)**

Total Price

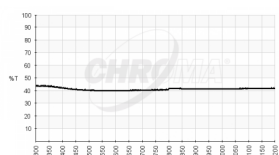
\$60



**ND 0.5 C - 32% Trans - 32.0%
transmission (37mm - 50mm
diameter)**

Total Price

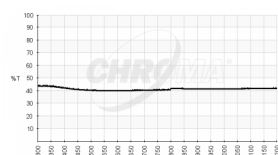
\$150



**ND 0.4 B - 40% Trans - 40.0%
transmission (26mm - 36mm
diameter)**

Total Price

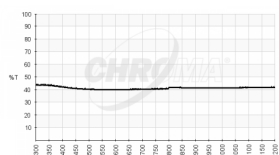
\$100



**ND 0.4 A - 40% Trans - 40.0%
transmission (25mm or smaller
diameter)**

Total Price

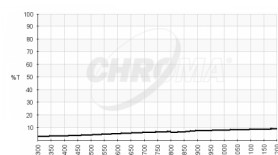
\$60



**ND 0.4 C - 40% Trans - 40.0%
transmission (37mm - 50mm
diameter)**

Total Price

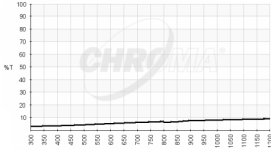
\$150



**ND 1.3 B - 5% Trans - 5.0%
transmission (26mm - 36mm
diameter)**

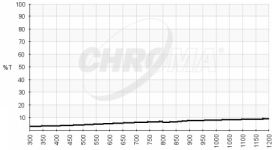
Total Price

\$100



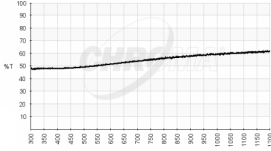
ND 1.3 A - 5% Trans - 5.0% transmission (25mm or smaller diameter)

Total Price\$60



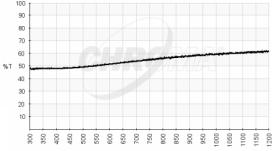
ND 1.3 C - 5% Trans - 5.0% transmission (37mm - 50mm diameter)

Total Price\$150



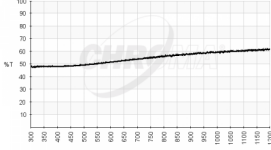
ND 0.3 B - 50% Trans - 50.0% transmission (26mm - 36mm diameter)

Total Price\$100



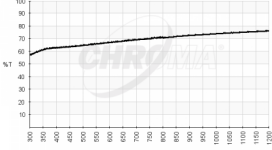
ND 0.3 A - 50% Trans - 50.0% transmission (25mm or smaller diameter)

Total Price\$60



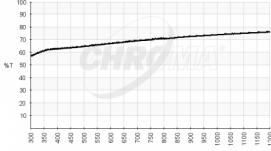
ND 0.3 C - 50% Trans - 50.0% transmission (37mm - 50mm diameter)

Total Price\$150



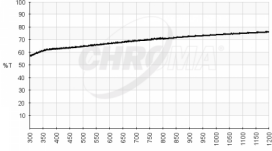
ND 0.2 A - 63% Trans - 63.0% transmission (25mm or smaller diameter)

Total Price\$60



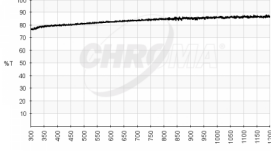
ND 0.2 B - 63% Trans - 63.0% transmission (26mm - 36mm diameter)

Total Price\$100



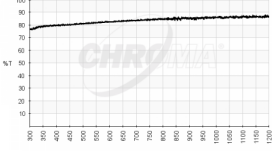
ND 0.2 C - 63% Trans - 63.0% transmission (37mm - 50mm diameter)

Total Price\$150



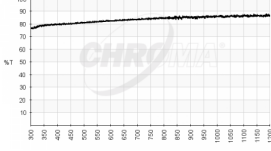
ND 0.1 B - 80% Trans - 80.0% transmission (26mm - 36mm diameter)

Total Price\$100



ND 0.1 A - 80% Trans - 80.0% transmission (25mm or smaller diameter)

Total Price\$60



ND 0.1 C - 80% Trans - 80.0% transmission (37mm - 50mm diameter)

Total Price\$150

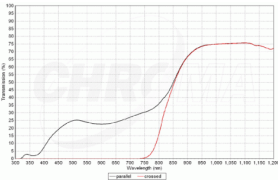
PART NAME	%TRANSMISSION
ND 0.1	80%
ND 0.2	63%
ND 0.3	50%
ND 0.4	40%
ND 0.5	32%
ND 0.6	25%
ND 1.0	10%
ND 1.3	5%
ND 1.5	3%
ND 2.0	1%
ND 3.0	0.1%


ND 0.1 A

Total Price\$60

INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Polarizers

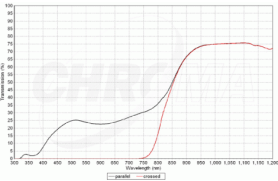





21003b - Polarizer - Polarizer - 26mm - 50mm

Total Price

\$150





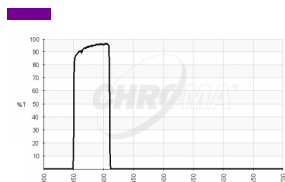
21003a - Polarizer - Polarizer - Up to 25mm

Total Price

\$100

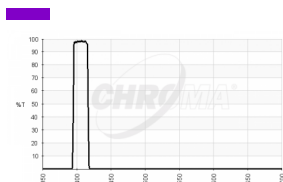
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

Machine Vision

**MV380/60 - UV#1 Vision Filter**

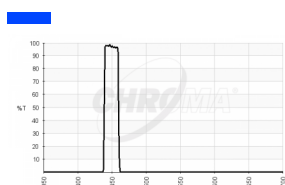
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV405/20 - Narrow Violet Vision Filter**

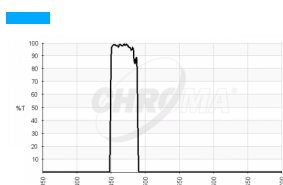
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV450/20 - Narrow Indigo Vision Filter**

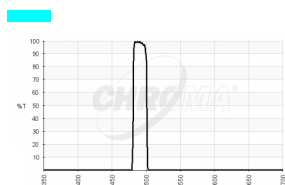
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV470/40 - Blue Vision Filter**

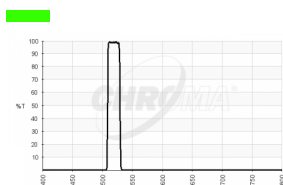
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV490/20 - Narrow Blue Vision Filter**

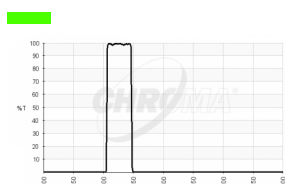
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV520/20 - Narrow Green#1 Vision Filter**

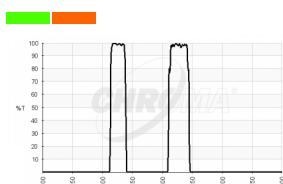
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV525/40 - Green Vision Filter**

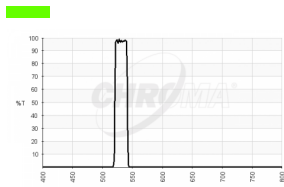
THREADED MOUNT

M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

**MV526-25/628-34 - Green/Red Dual Band Vision Filter**

THREADED MOUNT

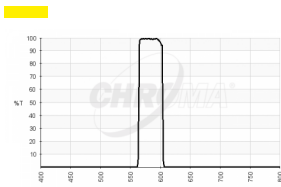
M25.5mm x P0.5	\$275
M27.0mm x P0.5	\$300
M30.5mm x P0.5	\$325



MV532/20 - Narrow Green#2 Vision Filter

THREADED MOUNT

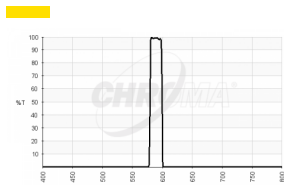
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV585/40 - Orange Vision Filter

THREADED MOUNT

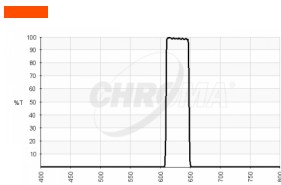
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV590/20 - Narrow Orange Vision Filter

THREADED MOUNT

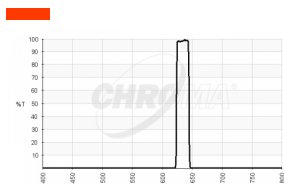
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV630/40 - Red Vision Filter

THREADED MOUNT

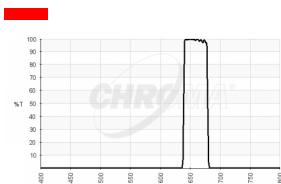
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV635/20 - Narrow Red Vision Filter

THREADED MOUNT

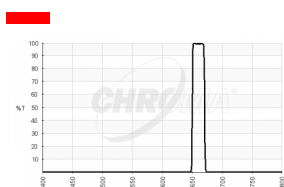
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV660/40 - Dark Red Vision Filter

THREADED MOUNT

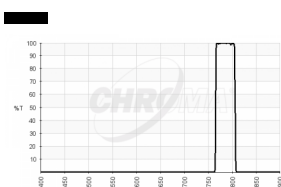
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275



MV660/20 - Narrow Dark Red Vision Filter

THREADED MOUNT

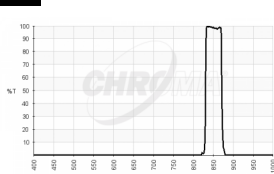
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275





MV785/40 - 785nm NIR Vision Filter

THREADED MOUNT

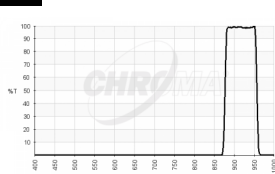
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275





MV850/40 - 850nm NIR Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

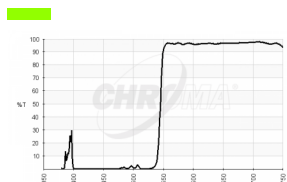


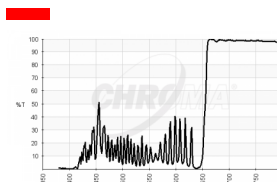
MV880/40 - 880nm NIR Vision Filter

THREADED MOUNT	
M25.5mm x P0.5	\$225
M27.0mm x P0.5	\$250
M30.5mm x P0.5	\$275

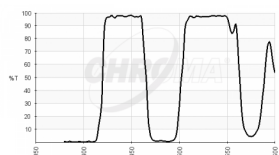
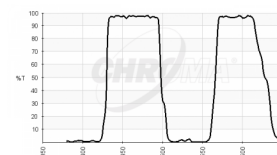
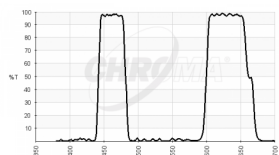
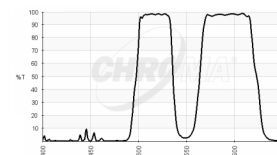
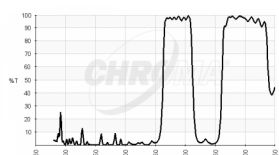
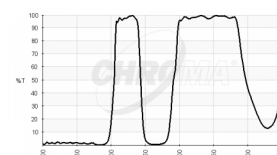
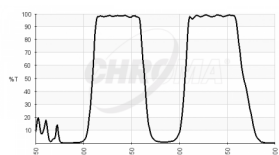
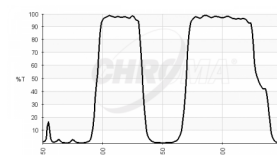
INDIVIDUAL FILTERS / MULTI BANDPASS AND MULTI DICHROIC FILTERS

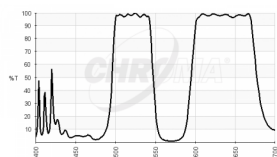
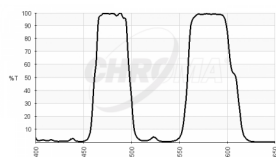
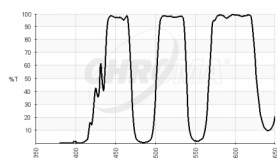
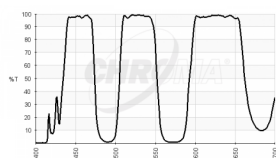
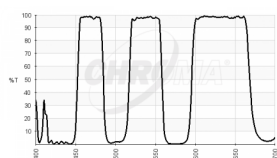
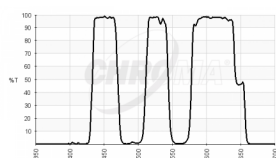
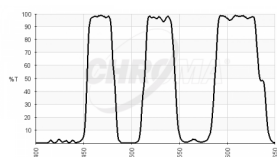
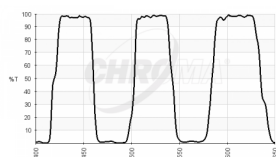
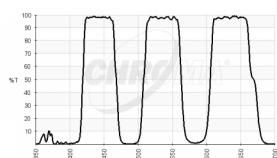
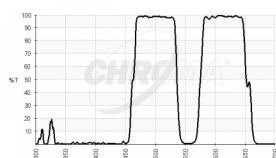
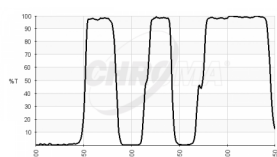
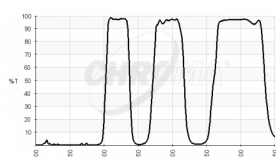
Multi Band Dichroic Beamsplitters**ZT405/532rpc**

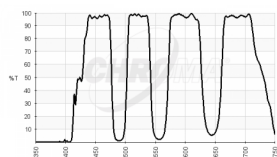
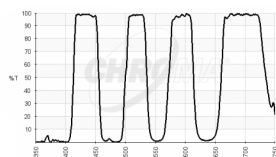
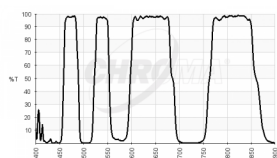
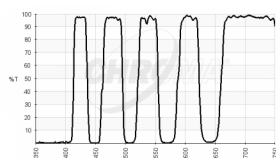
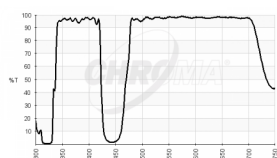
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT405/642rpc**

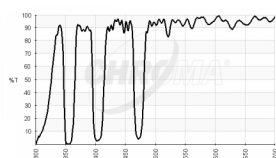
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****59001bs****Total Price****\$325****59002bs****Total Price****\$325****59003bs****Total Price****\$325****59004bs****Total Price****\$325****59007bs****Total Price****\$325****59009bs****Total Price****\$325****59010bs****Total Price****\$325****59012bs****Total Price****\$325**

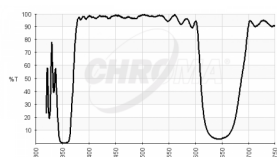
**59022bs****Total Price****\$325****59033bs****Total Price****\$325****69000bs****Total Price****\$375****69002bs****Total Price****\$375****69008bs****Total Price****\$375****69010bs****Total Price****\$375****69011bs****Total Price****\$375****69013bs****Total Price****\$375****69015bs****Total Price****\$375****79003bs****Total Price****\$400****89007bs****Total Price****\$375****89016bs****Total Price****\$375**

**89100bs****Total Price****\$425****89402bs****Total Price****\$475****89403bs****Total Price****\$475****89903bs****Total Price****\$650****ZT325/442rpc**

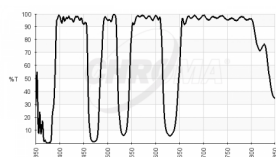
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700****ZT355/405/473rpc**

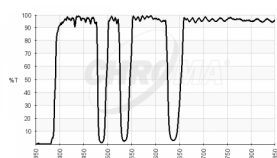
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$800****ZT355/650rpc**

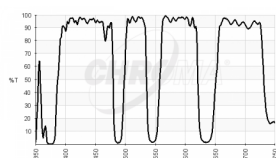
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700****ZT375/473/532/635rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$800****ZT375/488/532/635rpc**

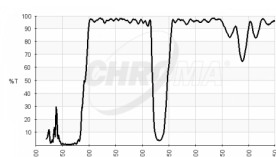
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$650****ZT375/488/543/633rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

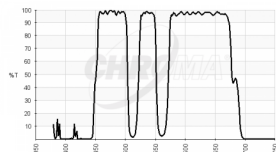
Total Price**\$800****ZT375/514/594rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

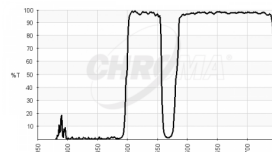
Total Price**\$800****ZT375/532rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

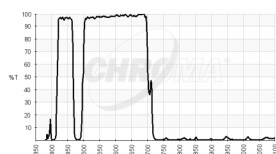
Total Price**\$700**

**ZT405-440/514/561rpc**

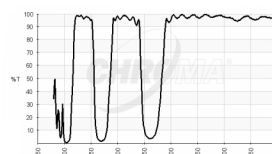
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$600****ZT405-488/568rpc**

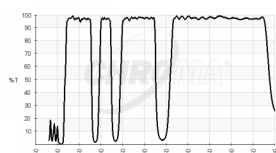
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT405/473-491/NIRrpc**

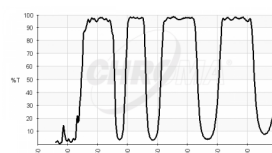
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700****ZT405/473/561rpc**

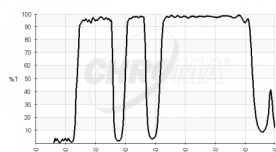
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$600****ZT405/488/532/640rpc-XT**

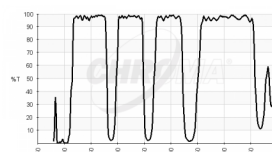
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$650****ZT405/488/543/640rpc**

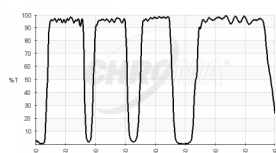
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$650****ZT405/488/543rpc**

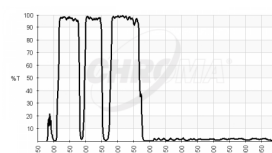
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$600****ZT405/488/561/640rpc**

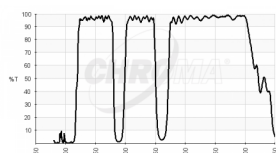
Reflects lasers between 400-410nm, 485-493nm, 555-564nm and 630-644nm

Total Price**\$550****ZT405/488/561/647rpc**

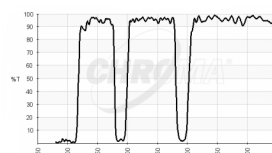
Reflects lasers between 380-414nm, 485-492nm, 558-568nm and 638-659nm

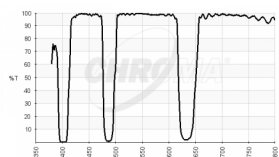
Total Price**\$550****ZT405/488/561/680-1100rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

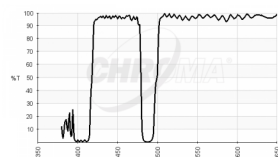
Total Price**\$800****ZT405/488/561rpc**

Reflects lasers between 400-414nm, 483-493nm and 556-566nm

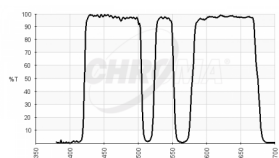
Total Price**\$500****ZT405/488/594rpc****Total Price****\$500**

**ZT405/488/635rpc**

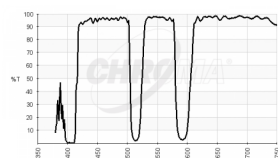
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$550****ZT405/488rpc**

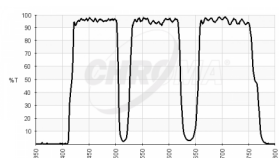
Reflects lasers between 400-412nm and 484-492nm

Total Price**\$475****ZT405/514/561rpc**

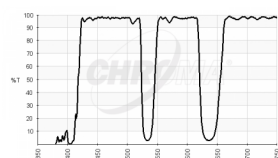
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$500****ZT405/514/594rpc**

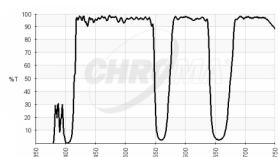
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$500****ZT405/514/635rpc**

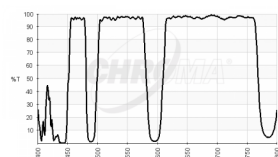
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$550****ZT405/532/635rpc**

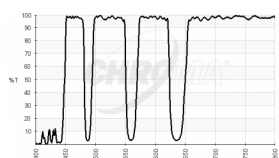
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$550****ZT405/561/657rpc**

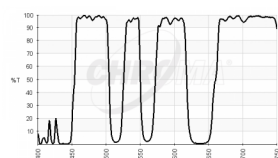
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$600****ZT440-445/488-491/594 rpc**

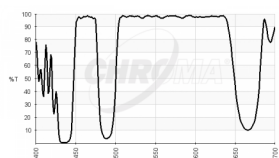
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$600****ZT440/488/561/635rpc**

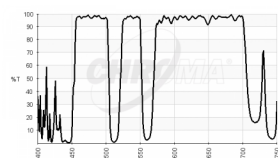
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$650****ZT440/514/561/640rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$650****ZT442/488rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

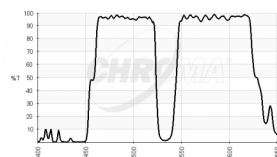
Total Price**\$575****ZT442/514/561rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

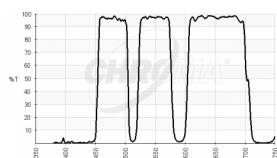
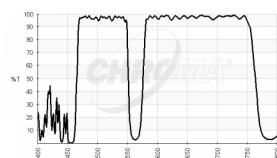
Total Price**\$500**

**ZT442/514rpc**

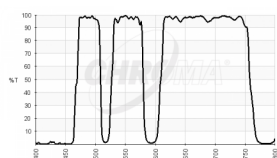
Reflects lasers between 434-447nm and 510-520nm

Total Price**\$475****ZT442/532rpc**

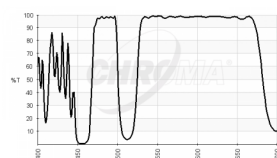
Reflects lasers between 435-450nm and 529-538nm

Total Price**\$475****ZT445/514/594rpc****Total Price****\$500****ZT457/561rpc**

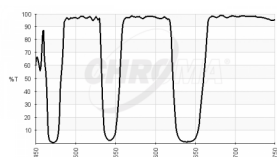
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT458/514/594rpc**

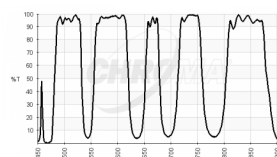
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$800****ZT458/514rpc**

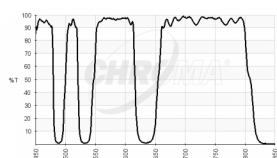
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT473/543/640rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$800****ZT473/546/633/700/780rpc**

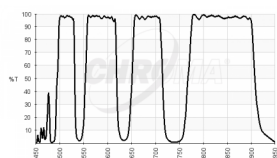
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$950****ZT488/532/633/830/1064rpc**

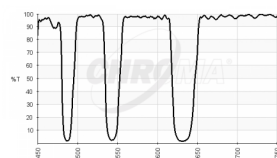
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$950****ZT488/532rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

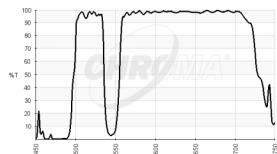
Total Price**\$575****ZT488/543/635/730rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

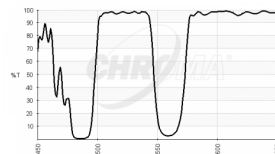
Total Price**\$800****ZT488/543/635rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

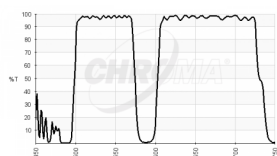
Total Price**\$600**

**ZT488/543rpc**

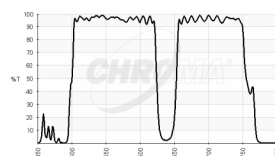
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT488/561rpc**

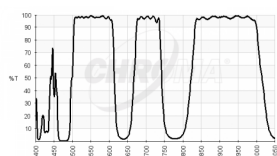
Reflects lasers between 482-493nm and 555-566nm

Total Price**\$475****ZT488/594rpc**

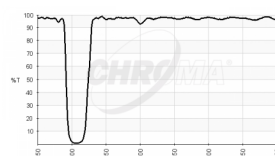
Reflects lasers between 483-493nm and 582-597nm

Total Price**\$475****ZT488/640rpc**

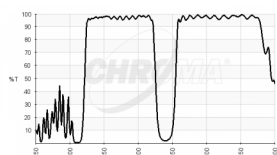
Reflects lasers between 480-494nm and 633-647nm

Total Price**\$475****ZT488/647/780rpc**

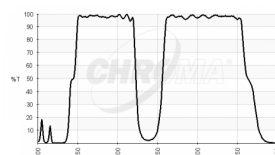
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$800****ZT514/1064rpc**

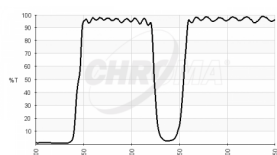
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700****ZT514/640rpc**

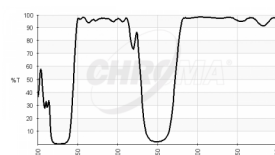
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$575****ZT532/640/NIR_rpc**

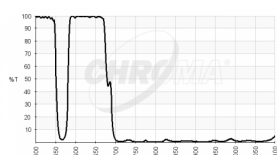
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700****ZT532/640rpc**

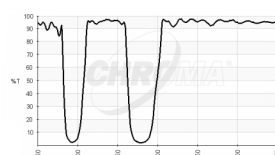
Reflects lasers between 500-538nm and 633-647nm

Total Price**\$475****ZT532/660rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

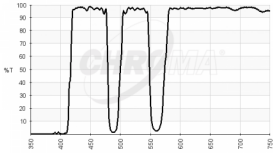
Total Price**\$700****ZT568/700-1100rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.


Total Price**\$700****ZT594/680rpc**

Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price**\$700**



ET



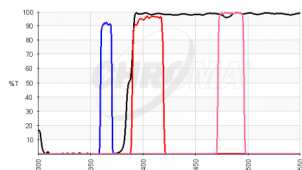
ZTUV-405/488/561rpc
Special order item. Manufactured after receipt of order, limited quantities may be in stock.

Total Price

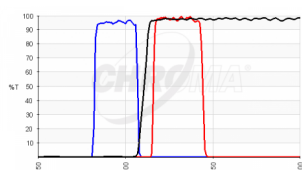
\$800

COMPLETE FILTER SETS / SINGLE BAND & LONGPASS & SHORTPASS FILTER SETS

Fluorescence Filter Sets

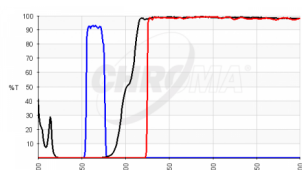
**79006 - ET - INDO**

FILTER SET PARTS	PRICE
■ ET365/10x (EX)	\$325
■ T387lp (BS)	\$275
■ ET405/30m (EM)	\$325
■ ET485/25m (EM)	\$325
Total Price	\$1,150

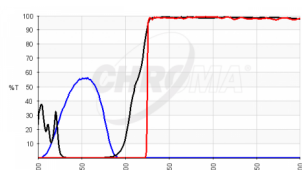
**49027 - ET - Brilliant™ Violet 421, Alexa Fluor 405**

This narrow-band filter set is intended for very bright fluorochromes such as BD Horizon Brilliant™ Violet 421. It is sufficiently narrow to allow spectral separation from cyan fluors such as BD Horizon Brilliant™ Violet 480, cyan fluorescent proteins and Aqua FISH probes. This set is also useful for detecting DAPI. DAPI will appear violet instead of blue.

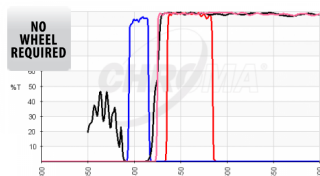
FILTER SET PARTS	PRICE
■ ET395/25x (EX)	\$325
■ T412lp (BS)	\$225
■ ET431/28m (EM)	\$325
Total Price	\$825

**49915 - ET - 355-375nm Laser Longpass Set for Uncaging and Ablation**

FILTER SET PARTS	PRICE
■ ZET365/20x (EX)	\$375
■ ZT365bcm (BS)	\$300
■ ET425lp (EM)	\$325
Total Price	\$950

**49025 - ET - DAPI/FluoroGold Longpass**

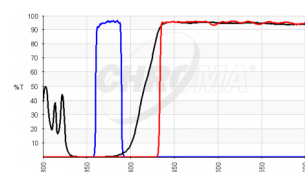
FILTER SET PARTS	PRICE
■ AT350/50x (EX)	\$150
■ T400lp (BS)	\$225
■ ET425lp (EM)	\$325
Total Price	\$625



TRF49901 - ET - 405nm Laser Bandpass Set for TIRF applications

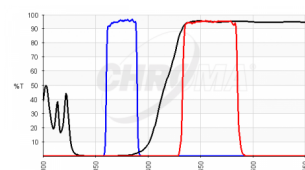
For use with lasers between 400-410nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
	ZET405/20x (EX)	\$325
	ZT405rdc (BS)	\$400
	ET425lp (EM)	\$325
	ET460/50m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



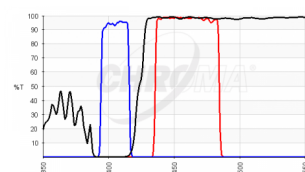
19000 - AT - UV/DAPI Longpass

FILTER SET PARTS		PRICE
	AT375/28x (EX)	\$200
	AT415DC (BS)	\$150
	AT435lp (EM)	\$150
Total Price		\$450



39000 - AT - DAPI/Hoechst/AlexaFluor 350

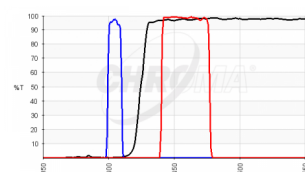
FILTER SET PARTS		PRICE
	AT375/28x (EX)	\$200
	AT415DC (BS)	\$150
	AT460/50m (EM)	\$200
Total Price		\$500



49901 - ET - 405nm Laser Bandpass Set for EBFP2, TagBFP, Pacific Blue

For use with lasers between 400-410nm

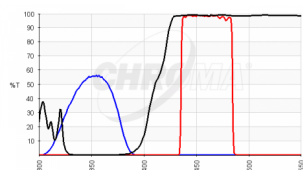
FILTER SET PARTS		PRICE
	ZET405/20x (EX)	\$325
	ZT405rdc (BS)	\$300
	ET460/50m (EM)	\$325
Total Price		\$900



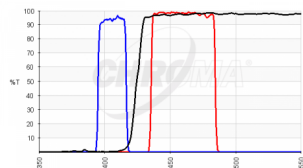
49301 - ET - Blue FISH

Ideal for use with commercially available Blue FISH probes and chromosome painting techniques.

FILTER SET PARTS		PRICE
	ET405/10x (EX)	\$325
	T425lpxr (BS)	\$225
	ET460/36m (EM)	\$325
Total Price		\$825

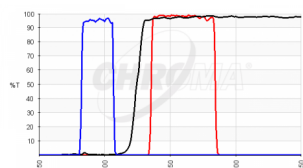
**49000 - ET - DAPI**

FILTER SET PARTS		PRICE
■	AT350/50x (EX)	\$150
■	T400lp (BS)	\$225
■	ET460/50m (EM)	\$325
Total Price		\$625

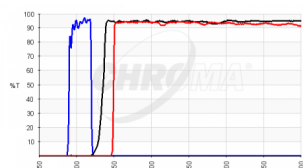
**49021 - ET - EBFP2/Coumarin/Attenuated DAPI**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

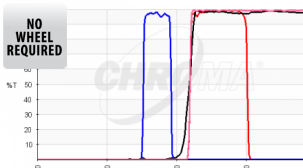
FILTER SET PARTS		PRICE
■	ET405/20x (EX)	\$325
■	T425lpxr (BS)	\$225
■	ET460/50m (EM)	\$325
Total Price		\$825

**49028 - ET - DAPI for 395nm light sources**

FILTER SET PARTS		PRICE
■	ET395/25x (EX)	\$325
■	T425lpxr (BS)	\$225
■	ET460/50m (EM)	\$325
Total Price		\$825

**19011 - AT - Coumarin/Pacific Blue Longpass**

FILTER SET PARTS		PRICE
■	AT405/30x (EX)	\$200
■	AT440DC (BS)	\$150
■	AT450lp (EM)	\$150
Total Price		\$450

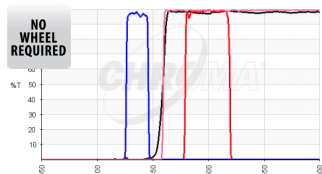
**TRF49902 - ET - 440nm Laser Bandpass Set for TIRF applications**

For use with lasers between 430-445nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
■	ZET436/20x (EX)	\$325
■	ZT442rdc (BS)	\$400
■	ET460lp (EM)	\$325
■	ET480/40m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/TI		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



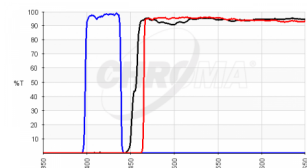
NO
WHEEL
REQUIRED



TRF49903 - ET - 440nm Laser Bandpass Set for TIRF applications

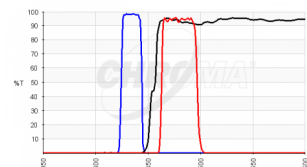
For use with lasers between 430-445nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
	ZET436/20x (EX)	\$325
	ZT442rdc (BS)	\$400
	ET460lp (EM)	\$325
	ET500/40m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



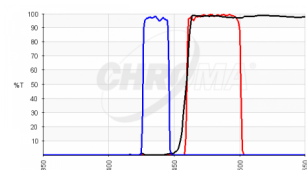
19001 - AT - Aqua Longpass

FILTER SET PARTS		PRICE
	AT420/40x (EX)	\$200
	AT455DC (BS)	\$150
	AT465lp (EM)	\$150
Total Price		\$450



39001 - AT - ECFP/Cerulean

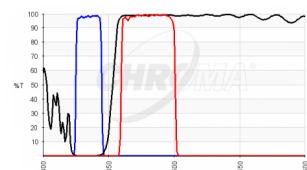
FILTER SET PARTS		PRICE
	AT435/20x (EX)	\$200
	AT455DC (BS)	\$150
	AT480/30m (EM)	\$200
Total Price		\$500



49902 - ET - 440nm Laser Bandpass Set for ECFP, Cerulean

For use with lasers between 430-445nm

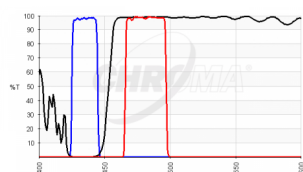
FILTER SET PARTS		PRICE
	ZET436/20x (EX)	\$325
	ZT442rdc (BS)	\$300
	ET480/40m (EM)	\$325
Total Price		\$900



49001 - ET - ECFP

Please see the excitation intensity note on page 6 for
information on how to avoid rapid photobleaching of
sample.

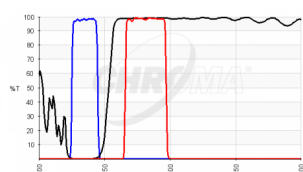
FILTER SET PARTS		PRICE
	ET436/20x (EX)	\$325
	T455lp (BS)	\$225
	ET480/40m (EM)	\$325
Total Price		\$825



49032 - ET - Brilliant™ Violet 480

This narrow-band filter set is intended for very bright fluorochromes such as BD Horizon Brilliant™ Violet 480 (BV 480). When used with BV480, it is sufficiently narrow to allow spectral separation from green fluors such as Alexa fluor 488, FITC, GFP and green FISH probes, as well as separation from violet fluors such as Brilliant Violet™ 421.

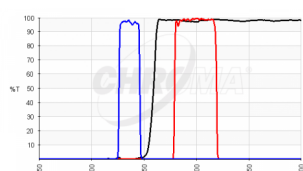
FILTER SET PARTS		PRICE
■	ET436/20x (EX)	\$325
■	T455lp (BS)	\$225
■	ET480/30m (EM)	\$325
Total Price		\$825



49302 - ET- Aqua FISH

Ideal for use with commercially available Aqua FISH probes and chromosome painting techniques. Also ideal for use with Brilliant Violet 480 when multiplexing 4 or more colors.

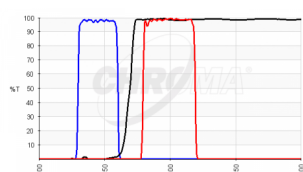
FILTER SET PARTS		PRICE
■	ET436/20x (EX)	\$325
■	T455lp (BS)	\$225
■	ET480/30m (EM)	\$325
Total Price		\$825



49903 - ET - 440nm Laser Bandpass Set for TFP (Teal FP)

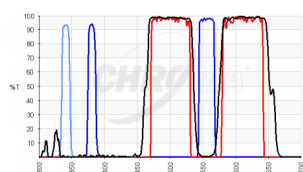
For use with lasers between 430-445nm

FILTER SET PARTS		PRICE
■	ZET436/20x (EX)	\$325
■	ZT442rdc (BS)	\$300
■	ET500/40m (EM)	\$325
Total Price		\$900



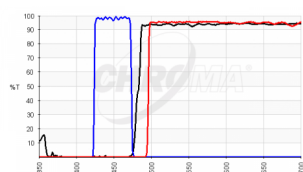
49013 - ET - TFP (Teal FP)

FILTER SET PARTS		PRICE
■	ET445/30x (EX)	\$325
■	T470lpxr (BS)	\$225
■	ET500/40m (EM)	\$325
Total Price		\$825



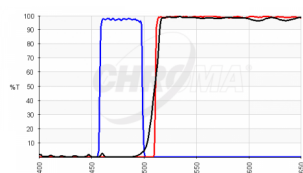
79003 - ET - Fura 2/TRITC

FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	ET555/25x (EX)	\$325
■	79003bs (BS)	\$400
■	79003m (EM)	\$450
Total Price		\$1,750



19008 - AT - Auramine Longpass

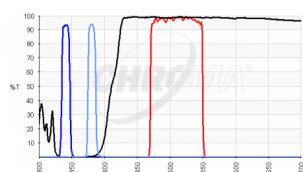
FILTER SET PARTS		PRICE
■	AT450/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT495lp (EM)	\$150
Total Price		\$450



49012 - ET - FITC/EGFP Longpass

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

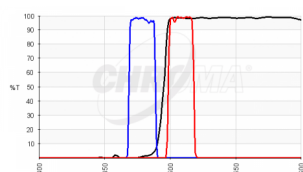
FILTER SET PARTS		PRICE
■	ET480/40x (EX)	\$325
■	T510lpxrxt (BS)	\$275
■	ET510lp (EM)	\$325
Total Price		\$825



79001 - ET - Fura 2

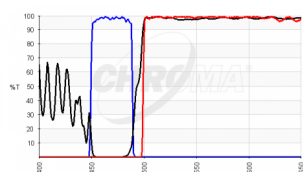
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	T400lp (BS)	\$225
■	ET510/80m (EM)	\$325
Total Price		\$975



49020 - ET - Narrow Band EGFP to Minimize Autofluorescence

FILTER SET PARTS		PRICE
■	ET480/20x (EX)	\$325
■	T495lpxr (BS)	\$225
■	ET510/20m (EM)	\$325
Total Price		\$825

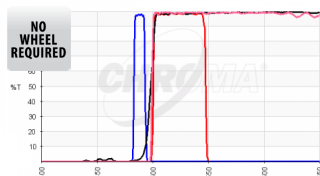


49018 - ET - EGFP Longpass

FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	T495lpxt (BS)	\$275
■	ET500lp (EM)	\$325
Total Price		\$825



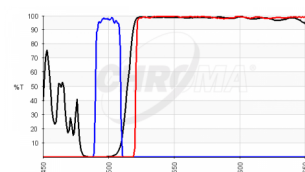
NO
WHEEL
REQUIRED



TRF49904 - ET - 488nm Laser Bandpass Set for TIRF applications

For use with lasers between 485-491nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

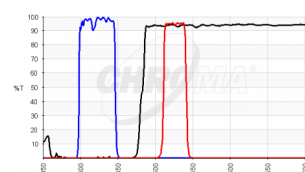
FILTER SET PARTS		PRICE
	ZET488/10x (EX)	\$325
	ZT488rdc (BS)	\$400
	ET500lp (EM)	\$325
	ET525/50m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/TI		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



49029 - ET - EYFP Longpass

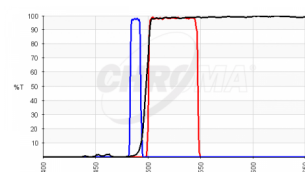
Please see the excitation intensity note on page 6 for
information on how to avoid rapid photobleaching of
sample.

FILTER SET PARTS		PRICE
	ET500/20x (EX)	\$325
	T515lp (BS)	\$225
	ET520LP (EM)	\$325
Total Price		\$825



39101 - AT- Qdot 525

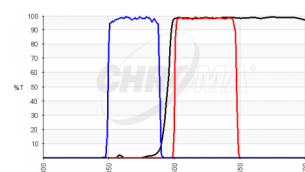
FILTER SET PARTS		PRICE
	AT425/50x (EX)	\$200
	AT485DC (BS)	\$150
	AT525/30m (EM)	\$200
Total Price		\$550



49904 - ET - 488nm Laser Bandpass Set for EGFP, AlexaFluor488, FITC, Fluo3

For use with lasers between 485-491nm

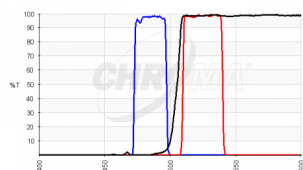
FILTER SET PARTS		PRICE
	ZET488/10x (EX)	\$325
	ZT488rdc (BS)	\$300
	ET525/50m (EM)	\$325
Total Price		\$900



49002 - ET - EGFP (FITC/Cy2)

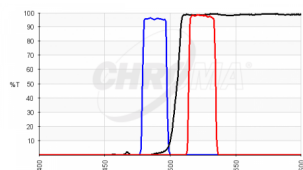
Please see the excitation intensity note on page 6 for
information on how to avoid rapid photobleaching of
sample.

FILTER SET PARTS		PRICE
	ET470/40x (EX)	\$325
	T495lpxr (BS)	\$225
	ET525/50m (EM)	\$325
Total Price		\$825

**49308 - ET - Green#2 FISH**

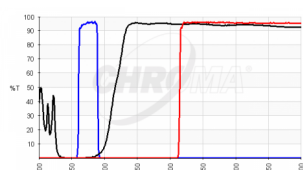
Ideal for use with commercially available Green FISH probes and chromosome painting techniques. Intended to avoid detection of Gold probes in problematic specimens. If Aqua signals are detected with this set and must be avoided, then please refer to set 49303.

FILTER SET PARTS		PRICE
■	ET485/25x (EX)	\$325
■	T505lpxr (BS)	\$225
■	ET525/30m (EM)	\$325
Total Price		\$825

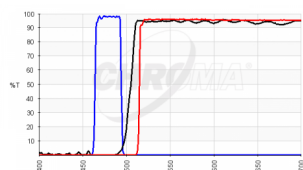
**49312 - ET - Green#3 Narrow band FISH**

4-color FISH assays utilizing Aqua, Green, Gold & Red are becoming increasingly popular. This FISH filter set is intended for detecting Green probes and completely avoiding both Aqua and Gold probes. It is a narrow band set and Green signals will be slightly less bright, but it will isolate Green signals very well.

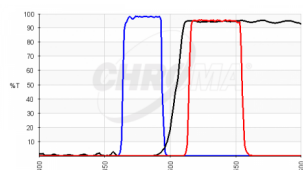
FILTER SET PARTS		PRICE
■	ET490/20x (EX)	\$325
■	T505lpxr (BS)	\$225
■	ET525/20m (EM)	\$325
Total Price		\$825

**19012 - AT - FluoroGold/Calcofluor White Longpass**

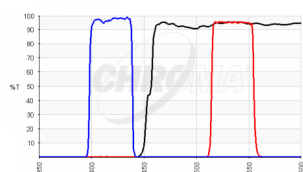
FILTER SET PARTS		PRICE
■	AT375/28x (EX)	\$200
■	AT415DC (BS)	\$150
■	AT515lp (EM)	\$150
Total Price		\$450

**19002 - AT - GFP/FITC Longpass**

FILTER SET PARTS		PRICE
■	AT480/30x (EX)	\$200
■	AT505DC (BS)	\$150
■	AT515lp (EM)	\$150
Total Price		\$450

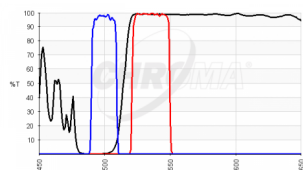
**39002 - AT - EGFP/FITC/Cy2/AlexaFluor 488**

FILTER SET PARTS		PRICE
■	AT480/30x (EX)	\$200
■	AT505DC (BS)	\$150
■	AT535/40m (EM)	\$200
Total Price		\$500



**39008 - AT - Lucifer
Yellow/Tetracycline/AlexaFluor 430**

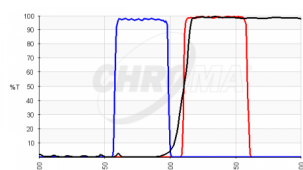
FILTER SET PARTS	PRICE
■ AT420/40x (EX)	\$200
■ AT455DC (BS)	\$150
■ AT535/40m (EM)	\$200
Total Price	\$500



49003 - ET - EYFP

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

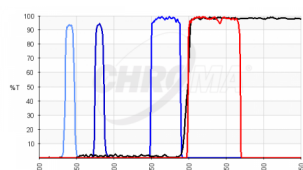
FILTER SET PARTS	PRICE
■ ET500/20x (EX)	\$325
■ T515lp (BS)	\$225
■ ET535/30m (EM)	\$325
Total Price	\$825



49011 - ET - FITC/Alexa Fluor 488/Fluo3/Oregon Green

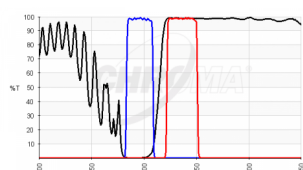
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ ET480/40x (EX)	\$325
■ T510lpxrxt (BS)	\$275
■ ET535/50m (EM)	\$325
Total Price	\$825



79004 - ET - Fura 2/GFP

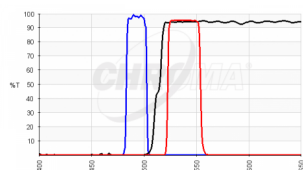
FILTER SET PARTS	PRICE
■ ET340x (EX)	\$325
■ ET380x (EX)	\$325
■ ET470/40x (EX)	\$325
■ T495lpxru (BS)	\$300
■ ET535/70m (EM)	\$375
Total Price	\$1,550



49303 - ET - Green#1 FISH

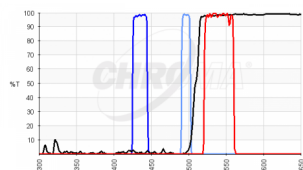
Ideal for use with commercially available Green FISH probes and chromosome painting techniques. Intended to avoid detection of Aqua probes in problematic specimens. If Gold signals are also detected with this set and must be avoided, then please refer to set 49308.

FILTER SET PARTS	PRICE
■ ET495/25x (EX)	\$325
■ T515lp (BS)	\$225
■ ET537/29m (EM)	\$325
Total Price	\$825



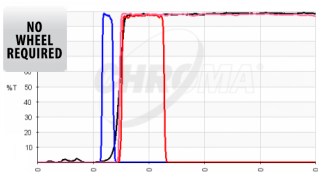
39003 - AT - EYFP/Venus/Citrine

FILTER SET PARTS		PRICE
■	AT495/20x (EX)	\$200
■	AT515DC (BS)	\$150
■	AT540/30m (EM)	\$200
Total Price		\$500



79005 - ET - BCECF

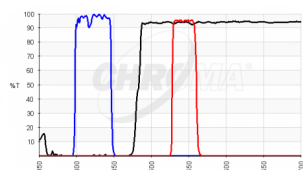
FILTER SET PARTS		PRICE
■	ET436/20x (EX)	\$325
■	ET495/10x (EX)	\$325
■	T510lpxru (BS)	\$300
■	ET540/40m (EM)	\$375
Total Price		\$1,250



TRF49905 - ET - 514nm Laser Bandpass Set for TIRF applications

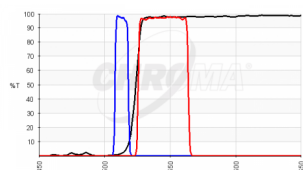
For use with lasers between 511-517nm
Set includes additional longpass emission filter paired with bandpass emission filter in filter cube for greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
■	ZET514/10x (EX)	\$325
■	ZT514rdc (BS)	\$400
■	ET525lp (EM)	\$325
■	ET545/40m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



39102 - AT - Qdot 545

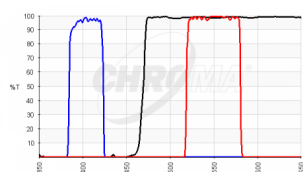
FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT545/30m (EM)	\$200
Total Price		\$550



49905 - ET - 514nm Laser Bandpass Set for EYFP, Venus, Citrine, Fluo3

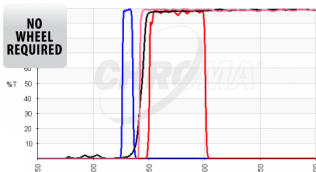
For use with lasers between 511-517nm

FILTER SET PARTS		PRICE
■	ZET514/10x (EX)	\$325
■	ZT514rdc (BS)	\$300
■	ET545/40m (EM)	\$325
Total Price		\$900



49026 - ET - Tetracycline

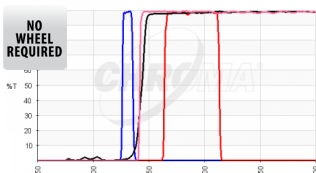
FILTER SET PARTS		PRICE
■	ET405/40x (EX)	\$325
■	T470lpxr (BS)	\$225
■	ET550/60m (EM)	\$325
Total Price		\$825



TRF49907 - ET - 532nm Laser Bandpass Set for TIRF applications

For use with lasers between 529-535nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

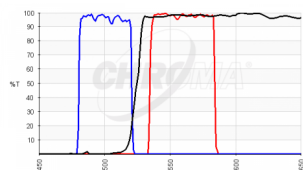
FILTER SET PARTS		PRICE
■	ZET532/10x (EX)	\$325
■	ZT532rdc (BS)	\$400
■	ET542lp (EM)	\$325
■	ET575/50m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



TRF49908 - ET - 532nm Laser Bandpass Set for TIRF applications

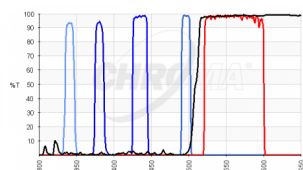
For use with lasers between 529-535nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
■	ZET532/10x (EX)	\$325
■	ZT532rdc (BS)	\$400
■	ET542lp (EM)	\$325
■	ET590/50m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975

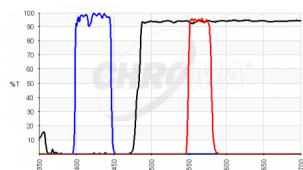


49023 - ET - AlexaFluor 514/ZsYellow/Eosin

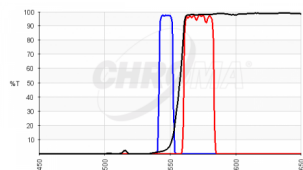
FILTER SET PARTS		PRICE
■	ET500/40x (EX)	\$325
■	T525lpxr (BS)	\$225
■	ET560/50m (EM)	\$325
Total Price		\$825

**79002 - ET - Fura 2/BCECF**

FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	ET436/20x (EX)	\$325
■	ET495/10x (EX)	\$325
■	T510lpxru (BS)	\$300
■	ET560/80m (EM)	\$375
Total Price		\$1,800

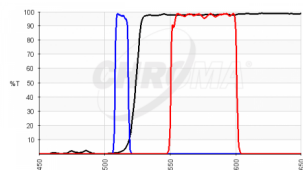
**39103 - AT- Qdot 565**

FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT565/30m (EM)	\$200
Total Price		\$550

**49304 - ET - Gold FISH**

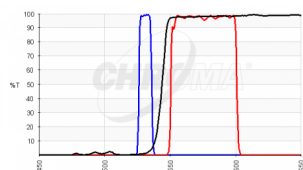
Ideal for use with commercially available Gold FISH probes and chromosome painting techniques. Will also detect Orange probes.

FILTER SET PARTS		PRICE
■	ET546/10x (EX)	\$325
■	T556lpxr (BS)	\$225
■	ET572/23m (EM)	\$325
Total Price		\$825

**49906 - ET - 514nm Laser Bandpass Set for mKO, mOrange2**

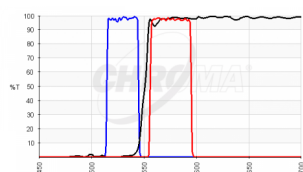
For use with lasers between 511-517nm

FILTER SET PARTS		PRICE
■	ZET514/10x (EX)	\$325
■	ZT514rdc (BS)	\$300
■	ET575/50m (EM)	\$325
Total Price		\$900

**49907 - ET - 532nm Laser Bandpass Set for mKO, mOrange2**

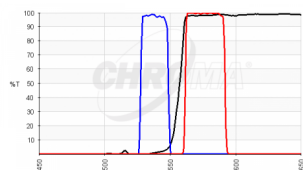
For use with lasers between 529-535nm

FILTER SET PARTS		PRICE
■	ZET532/10x (EX)	\$325
■	ZT532rdc (BS)	\$300
■	ET575/50m (EM)	\$325
Total Price		\$900



49014 - ET - mKO/mOrange

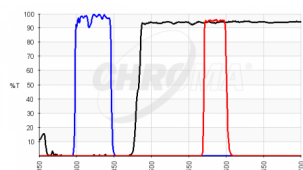
FILTER SET PARTS		PRICE
■	ET530/30x (EX)	\$325
■	T550lpxr (BS)	\$225
■	ET575/40m (EM)	\$325
Total Price		\$825



49309 - ET - Orange#2 FISH

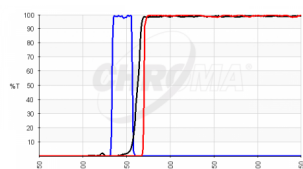
Ideal for use with commercially available Orange FISH probes and chromosome painting techniques. Provides signals intended to be less bright than those obtained with the 49305 set. Intended to balance signal intensities with Green in problematic specimens which are too bright. This set can be used equally well with both Gold and Orange probes to eliminate the need for 2 different filter sets. Gold and Orange cannot be separated in a microscope.

FILTER SET PARTS		PRICE
■	ET539/21x (EX)	\$325
■	T556lpxr (BS)	\$225
■	ET576/31m (EM)	\$325
Total Price		\$825



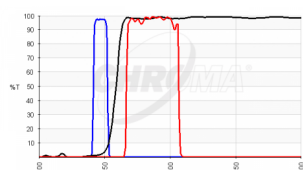
39104 - AT- Qdot 585

FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT585/30m (EM)	\$200
Total Price		\$550



49016 - ET - Cy3/TRITC Longpass

FILTER SET PARTS		PRICE
■	ET545/25x (EX)	\$325
■	T562lpxr (BS)	\$225
■	ET570lp (EM)	\$325
Total Price		\$825

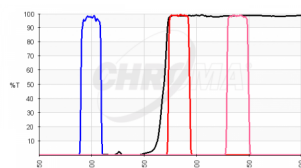


49010 - ET - R&B Phycoerythrin/mOrange/mKO

Recommended for use with mercury lamps or metal-halide lamps only.

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

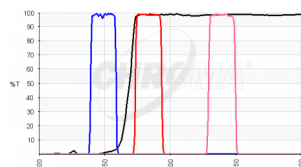
FILTER SET PARTS		PRICE
■	ET546/10x (EX)	\$325
■	T560lpxr (BS)	\$225
■	ET585/40m (EM)	\$325
Total Price		\$825



79009 - ET - SNARF with 500nm excitation

This filter set is intended for dual-emission ratiometric measurements of the SNARF family of pH indicators when excited with light in the 490-510nm wavelength range.

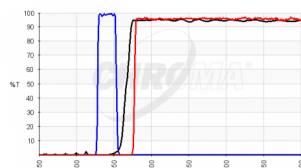
FILTER SET PARTS		PRICE
■	ET500/20x (EX)	\$325
■	T570lpxr (BS)	\$225
■	ET585/20m (EM)	\$325
■	ET640/20m (EM)	\$325
Total Price		\$1,100



79010 - ET - SNARF with 550nm excitation

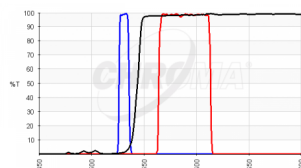
This filter set is intended for dual-emission ratiometric measurements of the SNARF family of pH indicators when excited with light in the 540-560nm wavelength range.

FILTER SET PARTS		PRICE
■	ET550/20x (EX)	\$325
■	T570lpxr (BS)	\$225
■	ET585/20m (EM)	\$325
■	ET640/20m (EM)	\$325
Total Price		\$1,100



19004 - AT - TRITC/Cy3 Longpass

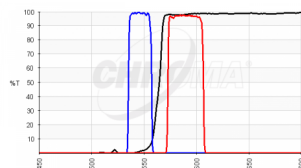
FILTER SET PARTS		PRICE
■	AT540/25x (EX)	\$200
■	AT565DC (BS)	\$150
■	AT575lp (EM)	\$150
Total Price		\$450



49908 - ET - 532nm Laser Bandpass Set for TagRFP, tdTomato, TRITC, Cy3, AlexaFluor 546

For use with lasers between 529-535nm

FILTER SET PARTS		PRICE
■	ZET532/10x (EX)	\$325
■	ZT532rdc (BS)	\$300
■	ET590/50m (EM)	\$325
Total Price		\$900



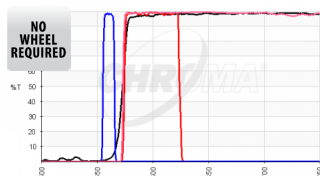
49305 - ET - Orange#1 FISH

Ideal for use with commercially available Orange FISH probes and chromosome painting techniques. Provides very bright Orange signal. Also detects Gold probes and will detect Red probes. Please refer to set 49309 to avoid detection of Red probes or to provide Orange signals which are less bright.

FILTER SET PARTS		PRICE
■	ET546/22x (EX)	\$325
■	T565lpxr (BS)	\$225
■	ET590/33m (EM)	\$325
Total Price		\$825



NO
WHEEL
REQUIRED



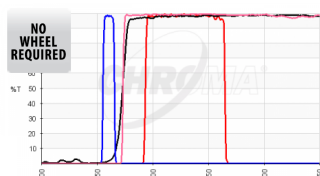
TRF49909 - ET - 561nm Laser Bandpass Set for TIRF applications

For use with lasers between 557-563nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
	ZET561/10x (EX)	\$325
	ZT561rdc (BS)	\$400
	ET575lp (EM)	\$325
	ET600/50m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



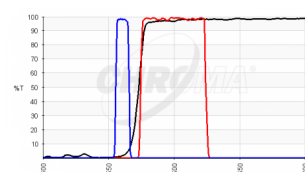
NO
WHEEL
REQUIRED



TRF49910 - ET - 561nm Laser Bandpass Set for TIRF applications

For use with lasers between 557-563nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

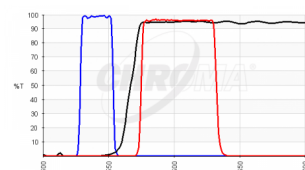
FILTER SET PARTS		PRICE
	ZET561/10x (EX)	\$325
	ZT561rdc (BS)	\$400
	ET575lp (EM)	\$325
	ET630/75m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



49909 - ET - 561nm Laser Bandpass Set for TagRFP, tdTomato, AlexaFluor 546, TRITC

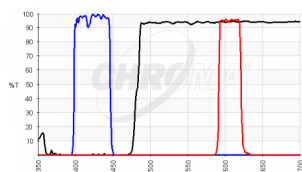
For use with lasers between 557-563nm

FILTER SET PARTS		PRICE
	ZET561/10x (EX)	\$325
	ZT561rdc (BS)	\$300
	ET600/50m (EM)	\$325
Total Price		\$900

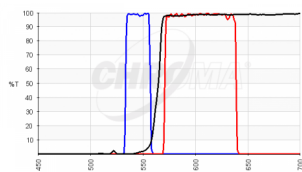


39004 - AT - TRITC/Cy3/TagRFP/AlexaFluor 546

FILTER SET PARTS		PRICE
	AT540/25x (EX)	\$200
	AT565DC (BS)	\$150
	AT605/55m (EM)	\$200
Total Price		\$500

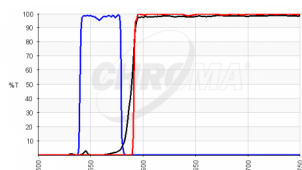
**39105 - AT- Qdot 605**

FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT605/30m (EM)	\$200
Total Price		\$550

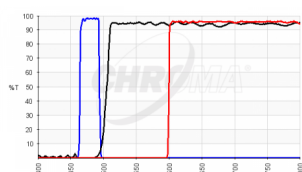
**49004 - ET - CY3/TRITC**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

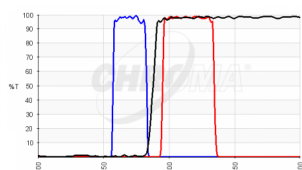
FILTER SET PARTS		PRICE
■	ET545/25x (EX)	\$325
■	T565lpxr (BS)	\$225
■	ET605/70m (EM)	\$325
Total Price		\$825

**49017 - ET - mCherry/Texas Red Longpass**

FILTER SET PARTS		PRICE
■	ET560/40x (EX)	\$325
■	T590lpxr (BS)	\$225
■	ET590lp (EM)	\$325
Total Price		\$825

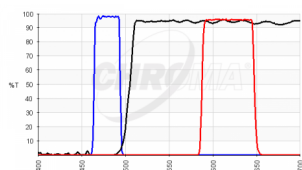
**19010 - AT - FM 1-43/Chlorophyll Longpass**

FILTER SET PARTS		PRICE
■	AT480/30x (EX)	\$200
■	AT505DC (BS)	\$150
■	AT600lp (EM)	\$150
Total Price		\$450

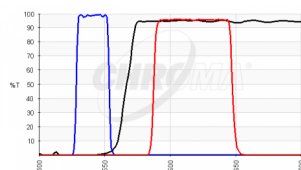
**49031 - ET - Alexa Fluor 568, Cy3.5**

This is a narrow-band filter set intended for applications where multiple fluorochromes are present in a sample and spectral separation from neighboring fluorochromes is essential. The 49008 set will provide a brighter signal, but may provide less effective spectral separation.

FILTER SET PARTS		PRICE
■	ET569/25x (EX)	\$325
■	T588lpxr (BS)	\$225
■	ET615/40m (EM)	\$325
Total Price		\$825

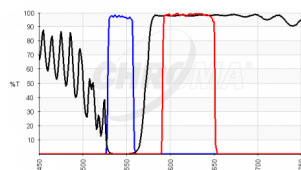
**39009 - AT - Acridine Orange/Di-8-ANEPPS**

FILTER SET PARTS		PRICE
■	AT480/30x (EX)	\$200
■	AT505DC (BS)	\$150
■	AT620/60m (EM)	\$200
Total Price		\$550



39005 - AT - TRITC-red-shifted

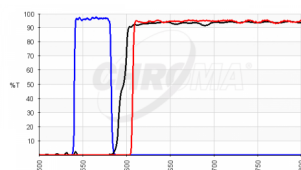
FILTER SET PARTS		PRICE
■	AT540/25x (EX)	\$200
■	AT565DC (BS)	\$150
■	AT620/60m (EM)	\$200
Total Price		\$500



49005 - ET - DSRed (TRITC/Cy3)

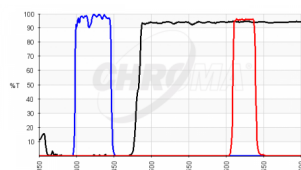
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET545/30x (EX)	\$325
■	T570lp (BS)	\$225
■	ET620/60m (EM)	\$325
Total Price		\$825



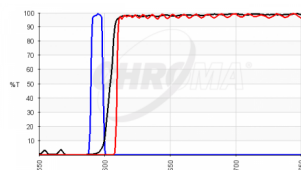
19006 - AT - Texas Red Longpass

FILTER SET PARTS		PRICE
■	AT560/40x (EX)	\$200
■	AT600DC (BS)	\$150
■	AT610lp (EM)	\$150
Total Price		\$450



39106 - AT- Qdot 625

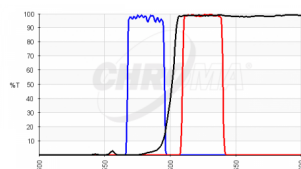
FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT625/30m (EM)	\$200
Total Price		\$550



49912 - ET - 594nm Laser Longpass Set for AlexaFluor 594, mKate2, TurboFP650, NirFP

For use with lasers between 591-596nm

FILTER SET PARTS		PRICE
■	ZET594/10x (EX)	\$325
■	ZT594rdc (BS)	\$300
■	ET610lp (EM)	\$325
Total Price		\$900



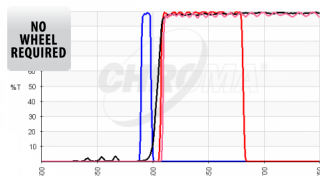
49306 - ET - Red#1 FISH

Ideal for use with commercially available Red FISH probes and chromosome painting techniques. Provides very bright Red signals Will also detect Orange, and to a lesser extent will also detect Gold signals. Please refer to set 49310 to avoid Gold and Orange.

FILTER SET PARTS		PRICE
■	ET580/25x (EX)	\$325
■	T600lpxr (BS)	\$225
■	ET625/30m (EM)	\$325
Total Price		\$825







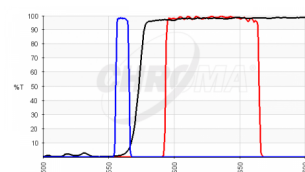
NO
WHEEL
REQUIRED



TRF49911 - ET - 594nm Laser Bandpass Set for TIRF applications




For use with lasers between 591-597nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

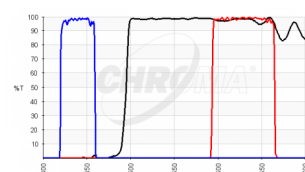
FILTER SET PARTS		PRICE
	ZET594/10x (EX)	\$325
	ZT594rdc (BS)	\$400
	ET610lp (EM)	\$325
	ET645/75m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975






49910 - ET - 561nm Laser Bandpass Set for AlexaFluor 568, AlexaFluor 594, Texas Red®, mCherry

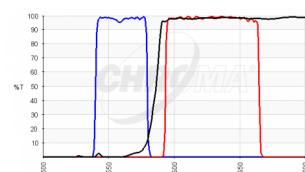
For use with lasers between 557-563nm

FILTER SET PARTS		PRICE
	ZET561/10x (EX)	\$325
	ZT561rdc (BS)	\$300
	ET630/75m (EM)	\$325
Total Price		\$900






49024 - ET - Keima Red/DiA

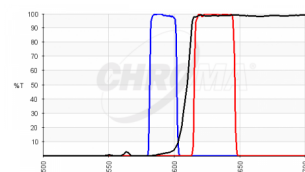
FILTER SET PARTS		PRICE
	ET440/40x (EX)	\$325
	T495lpxr (BS)	\$225
	ET630/75m (EM)	\$325
Total Price		\$825



49008 - ET - mCherry, Texas Red®




Please see the excitation intensity note on page 6 for
information on how to avoid rapid photobleaching of
sample.

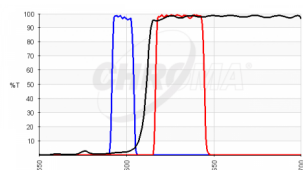
FILTER SET PARTS		PRICE
	ET560/40x (EX)	\$325
	T585lpxr (BS)	\$225
	ET630/75m (EM)	\$325
Total Price		\$825



49310 - ET - Red#2 FISH

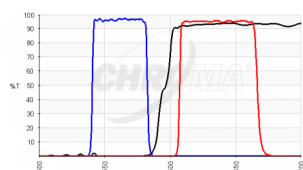
Ideal for use with commercially available Red FISH
probes and chromosome painting techniques. Red
signals will be less bright than those obtained with
49306. Intended to avoid detection of Gold. Use
49311 to avoid detection of Orange in samples which
also contain Red.

FILTER SET PARTS		PRICE
	ET592/21x (EX)	\$325
	T610lpxr (BS)	\$225
	ET630/30m (EM)	\$325
Total Price		\$825

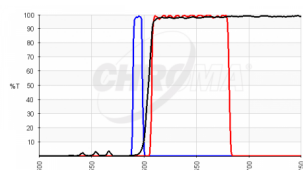
**49311 - ET - Red#3 Narrow band FISH**

Ideal for use with commercially available Red FISH probes and chromosome painting techniques, including mFISH. Red signals will be less bright than those obtained with 49306 or 49310. Intended to completely avoid detection of Orange. This set allows for more combinations in one hybridization, allowing Red and Orange to be run together when using filter set 49309 for Orange.

FILTER SET PARTS		PRICE
■	ET599/13x (EX)	\$325
■	T612lpxr (BS)	\$225
■	ET632/28m (EM)	\$325
Total Price		\$825

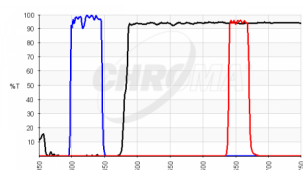
**39010 - AT - Texas Red/mCherry/AlexaFluor 594**

FILTER SET PARTS		PRICE
■	AT560/40x (EX)	\$200
■	AT600DC (BS)	\$150
■	AT635/60m (EM)	\$200
Total Price		\$500

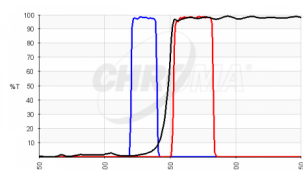
**49911 - ET - 594nm Laser Bandpass Set for mCherry, mKate2, AlexaFluor 594, Texas Red®**

For use with lasers between 591-596nm

FILTER SET PARTS		PRICE
■	ZET594/10x (EX)	\$325
■	ZT594rdc (BS)	\$300
■	ET645/75m (EM)	\$325
Total Price		\$900

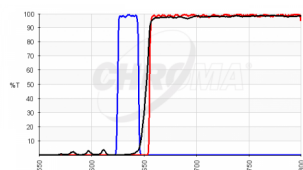
**39107 - AT - Qdot 655**

FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT655/30m (EM)	\$200
Total Price		\$550

**49307 - ET - Far Red FISH**




Ideal for use with commercially available Far Red FISH probes and chromosome painting techniques.

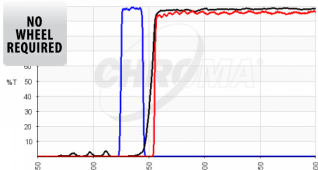
FILTER SET PARTS		PRICE
■	ET630/20x (EX)	\$325
■	T647lpxr (BS)	\$225
■	ET667/30m (EM)	\$325
Total Price		\$825



49913 - ET - 633-640nm Laser Longpass Set for AlexaFluor 647, DyLight 649, Atto 647

For use with lasers between 627-643nm




FILTER SET PARTS		PRICE
	ZET635/20x (EX)	\$325
	ZT640rdc (BS)	\$300
	ET655lp (EM)	\$325
Total Price		\$900

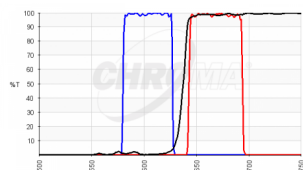


TRF49913 - ET - 633-640nm Laser Longpass Set for TIRF applications




For use with lasers between 627-643nm

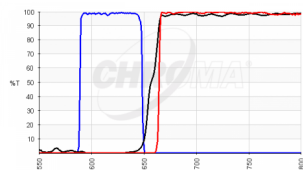
This set uses a longpass emission filter with greatly increased blocking for greater attenuation of TIRF lasers without the use of an additional emission filter.

FILTER SET PARTS		PRICE
	ZET635/20x (EX)	\$325
	ZT640rdc (BS)	\$400
	ET655lp-TIRF (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975






49015 - ET - AlexaFluor 633

FILTER SET PARTS		PRICE
	ET605/50x (EX)	\$325
	T635lpxr (BS)	\$225
	ET670/50m (EM)	\$325
Total Price		\$825

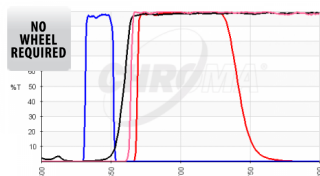


49019 - ET - Cy5 Longpass

FILTER SET PARTS		PRICE
	ET620/60x (EX)	\$325
	T660lpxrxt (BS)	\$275
	ET665lp (EM)	\$325
Total Price		\$825



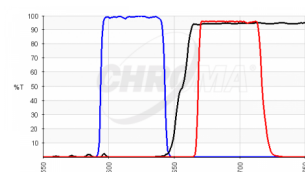
NO
WHEEL
REQUIRED



TRF49914 - ET - 640-647nm Laser Longpass Set for TIRF applications

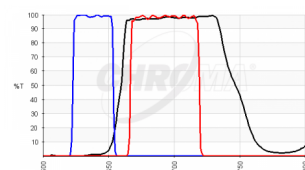
For use with lasers between 633-650nm
Set includes additional longpass emission filter
paired with bandpass emission filter in filter cube for
greatly increased attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
	ZET642/20x (EX)	\$325
	ZT647rdc (BS)	\$400
	ET665lp (EM)	\$325
	ET705/72m (EM)	\$325
Mounted in a Laser TIRF for Nikon TE2000/TI		\$1,850
Mounted in a Laser TIRF for Olympus BX2 models		\$1,975
Mounted in a Zeiss Axio TIRF*		\$1,725
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$1,975



39007 - AT - Cy5/AlexaFluor 647/Draq5

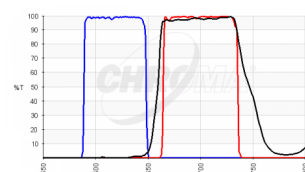
FILTER SET PARTS		PRICE
	AT620/50x (EX)	\$200
	AT655DC (BS)	\$150
	AT690/50m (EM)	\$200
Total Price		\$500



49009 - ET - Cy5 Narrow Excitation

The narrow-band excitation provided by this filter set is useful in applications where fluorochromes such as Texas Red or AlexaFluor 594 are also present in the same sample. This set will minimize bleedthrough of these fluorochromes.
Best FISH filter set for Far Red probes.

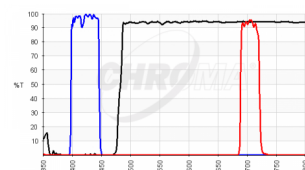
FILTER SET PARTS		PRICE
	ET640/30x (EX)	\$325
	T660lpxr (BS)	\$225
	ET690/50m (EM)	\$325
Total Price		\$825



49006 - ET - Cy5

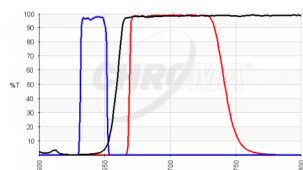
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
	ET620/60x (EX)	\$325
	T660lpxr (BS)	\$225
	ET700/75m (EM)	\$325
Total Price		\$825



39108 - AT - Qdot 705

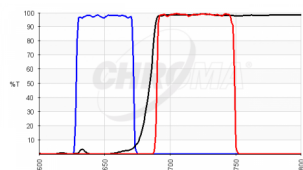
FILTER SET PARTS		PRICE
	AT425/50x (EX)	\$200
	AT485DC (BS)	\$150
	AT705/30m (EM)	\$200
Total Price		\$550



49914 - ET - 640-647nm Laser Bandpass for Set AlexaFluor 647, DyLight647, Atto 647N

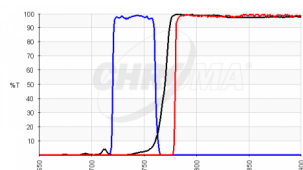
For use with lasers between 633-650nm

FILTER SET PARTS		PRICE
■	ZET642/20x (EX)	\$325
■	ZT647rdc (BS)	\$300
■	ET705/72m (EM)	\$325
Total Price		\$900



49022 - ET - Cy5.5

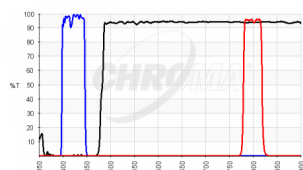
FILTER SET PARTS		PRICE
■	ET650/45x (EX)	\$325
■	T685lpxr (BS)	\$225
■	ET720/60m (EM)	\$325
Total Price		\$825



49037 - ET - Li_Cor for IR dye 800

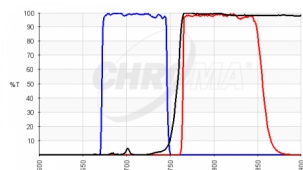
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET740/40x (EX)	\$325
■	T770lpxr (BS)	\$225
■	ET780lp (EM)	\$325
Total Price		\$825



39109 - AT - Qdot 800

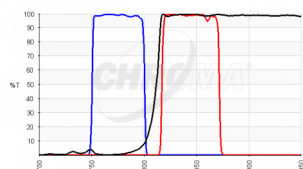
FILTER SET PARTS		PRICE
■	AT425/50x (EX)	\$200
■	AT485DC (BS)	\$150
■	AT800/40m (EM)	\$200
Total Price		\$550



49007 - ET - Cy7

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

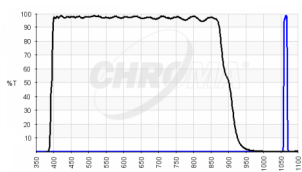
FILTER SET PARTS		PRICE
■	ET710/75x (EX)	\$325
■	T760lpxr (BS)	\$225
■	ET810/90m (EM)	\$325
Total Price		\$825



49030 - ET - Indocyanine Green

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET775/50x (EX)	\$325
■	T810lpxr (BS)	\$225
■	ET845/55m (EM)	\$325
Total Price		\$825

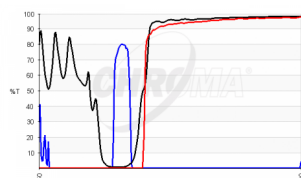


**49916 - ET - Shortpass Filter Set for 1064nm
Laser Tweezing or CARS Beam Combining**

FILTER SET PARTS		PRICE
■	ZET1064/10x (EX)	\$375
■	ZT1064rdc-sp (BS)	\$425
Total Price		\$750

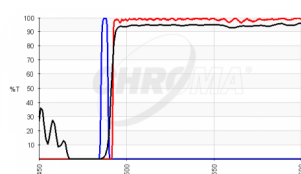
COMPLETE FILTER SETS / SINGLE BAND & LONGPASS & SHORTPASS FILTER SETS

Raman Filter Sets

**49953 - RT - Raman 266nm Laser Longpass Set**

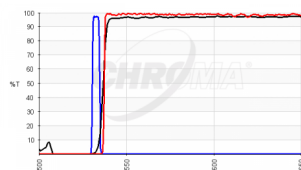
Dedicated Filter set for Raman spectroscopy. The ultra-steep 266nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 266nm laser. Set includes the narrow-band 266nm laser clean-up filter.

FILTER SET PARTS	PRICE
■ RET266/3x (EX)	\$550
■ RT266rdc (BS)	\$600
■ RET270lp (EM)	\$550
Total Price	\$1,600

**49951 - RT - Raman 488nm Laser Longpass Set**

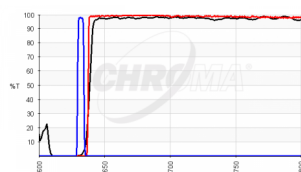
Dedicated Filter set for Raman spectroscopy. The ultra-steep 488nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 488nm laser. Set includes the narrow-band 488nm laser clean-up filter.

FILTER SET PARTS	PRICE
■ RET488/4x (EX)	\$550
■ RT488rdc (BS)	\$600
■ RET493lp (EM)	\$550
Total Price	\$1,600

**49952 - RT - Raman 532nm Laser Longpass Set**

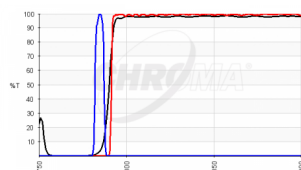
Dedicated Filter set for Raman spectroscopy. The ultra-steep 532nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 532nm laser. Set includes the narrow-band 532nm laser clean-up filter.

FILTER SET PARTS	PRICE
■ RET532/4x (EX)	\$550
■ RT532rdc (BS)	\$600
■ RET537lp (EM)	\$550
Total Price	\$1,600

**49954 - RT - Raman 633nm Laser Longpass Set**

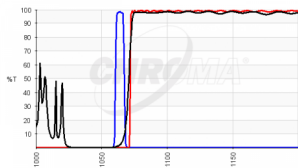
Dedicated Filter set for Raman spectroscopy. The ultra-steep 633nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 633nm laser. Set includes the narrow-band 633nm laser clean-up filter.

FILTER SET PARTS	PRICE
■ RET633/5x (EX)	\$550
■ RT633rdc (BS)	\$600
■ RET638lp (EM)	\$550
Total Price	\$1,600

**49950 - RT - Raman 785nm Laser Longpass Set**

Dedicated Filter set for Raman spectroscopy. The ultra-steep 785nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 785nm laser. Set includes the narrow-band 785nm laser clean-up filter.

FILTER SET PARTS	PRICE
■ RET785/6x (EX)	\$550
■ RT785rdc (BS)	\$600
■ RET792lp (EM)	\$550
Total Price	\$1,600



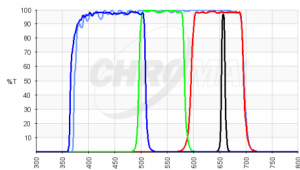
49955 - RT - Raman 1064nm Laser Longpass Set

Dedicated Filter set for Raman spectroscopy. The ultra-steep 1064nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 1064nm laser. Set includes the narrow-band 1064nm laser clean-up filter.

FILTER SET PARTS		PRICE
■	RET1064/7x (EX)	\$550
■	RT1064rdc (BS)	\$600
■	RET1072lp (EM)	\$550
Total Price		\$1,600

COMPLETE FILTER SETS / SINGLE BAND & LONGPASS & SHORTEPASS FILTER SETS

Astronomy Filter Sets



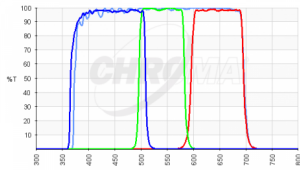
HaLRGB - H-alpha luminance, red, green, and blue astronomy set

THREADED MOUNT

1.25"	\$725
2"	\$1,350

UNMOUNTED

31mm	\$755
36mm	\$925
50mm	\$1,305
50x50mm	\$1,525
65x65mm	\$3,495



LRGB - luminance, red, green, and blue astronomy set

THREADED MOUNT

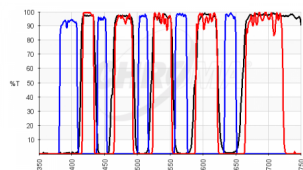
1.25"	\$475
2"	\$900

UNMOUNTED

31mm	\$495
36	\$595
50	\$875
50x50mm	\$1,085
65x65mm	\$2,595

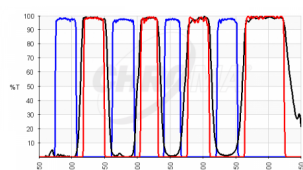
COMPLETE FILTER SETS / MULTI BAND FILTER SETS

Multi Band Exciter/Multi Band Emitter

**89904 - ET - 405/445/514/561/640nm Laser Quinta Band Set**

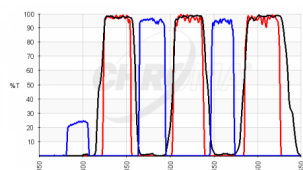
For use with BD Horizon Brilliant™ Violet 421 and Brilliant™ Violet 480 in 5-color fluorescence imaging scheme. Intended for use with laser excitation, however this set is also compatible with triggerable LED excitation if the appropriate LEDs are used.

FILTER SET PARTS	PRICE
■ ZET405/445/514/561/640x (EX)	\$650
■ 89903bs (BS)	\$650
■ ZET405/445/514/561/640m (EM)	\$750
Total Price	\$1,850

**89402 - ET - 391-32/479-33/554-24/638-31 Multi LED set**

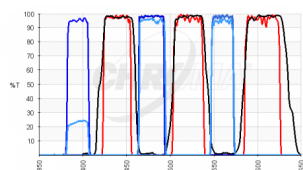
Quad band catalog set for Multi LED light engines like those manufactured by Lumencor, CoolLED, Excelitas and Cairn Research. Excitation passbands are matched to discrete, triggerable LEDs appropriate for excitation of DAPI/FITC/TRITC/Cy5 and similar fluor. Not intended for use with white light sources.

FILTER SET PARTS	PRICE
■ 89402x (EX)	\$550
■ 89402bs (BS)	\$475
■ 89402m (EM)	\$575
Total Price	\$1,400

**69013v2 - ET - DAPI/Green/Orange FISH**

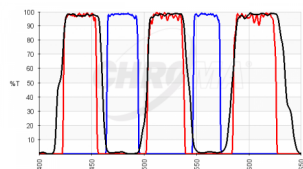
Triple band filter set ideal for simultaneous viewing of DAPI and commercially available Green and Orange FISH probes

FILTER SET PARTS	PRICE
■ 69013xv2 (EX)	\$400
■ 69013bs (BS)	\$375
■ 69013m (EM)	\$400
Total Price	\$1,100

**89084v2 - ET - DAPI/Green/Orange Multi-Exciter FISH**

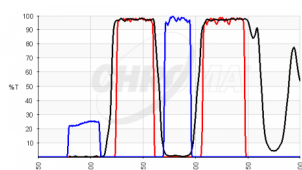
This filter set replaces the original 82000 set and the recent 89084 set. It is a tripleband filter set with passbands equivalent to the 69013v2 set. In addition, This set also contains a Green/Orange dualband excitation filter and 3 individual single band excitaiton filters. This allows the user to detect DAPI/Green/Orange simultaneously with the tripleband exciter, or only Green/Orange with the dualband exciter, or single colors for imaging to a camera. The tripleband excitation filter features an attenuated level of DAPI excitation.

FILTER SET PARTS	PRICE
■ 59011x (EX)	\$350
■ 69013xv2 (EX)	\$400
■ ET395/25x (EX)	\$325
■ ET480/30x (EX)	\$325
■ ET560/25x (EX)	\$325
■ 69013bs (BS)	\$375
■ 69013m (EM)	\$400
Total Price	\$1,950




**59011 - ET - Green/Orange #1 FISH**

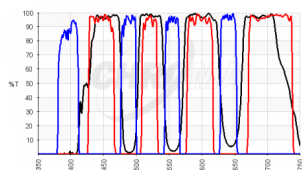
Dualband filter set ideal for simultaneous viewing of commercially available Green and Orange FISH probes. Intended to balance the two fluorescence signals by attenuating Orange signals relative to Green when used with mercury lamps and metal halide light sources.

FILTER SET PARTS	PRICE
■ 59011x (EX)	\$350
■ 69013bs (BS)	\$375
■ 69013m (EM)	\$400
Total Price	\$925




**59001v2 - ET - DAPI/Green FISH**

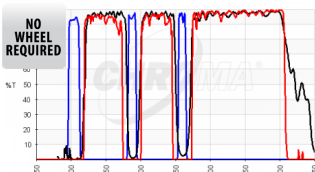
Dual band filter set for simultaneous viewing of Green FISH probes and a DAPI counterstain. Features an attenuated level of DAPI excitation to balance the intensity of DAPI and Green fluorescence signals. Replaces the original 59001.

FILTER SET PARTS		PRICE
	59001xv2 (EX)	\$350
	59001bs (BS)	\$325
	59001m (EM)	\$350
Total Price		\$925

**89401 - ET - DAPI/FITC/TRITC/CY5 Quad**

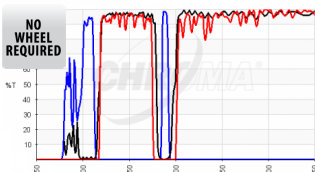
A version of the 89000 Quad set with a quad band excitation filter, dichroic and emission filter. Useful for simultaneous live viewing of multiple channels or image-splitting applications. May also be paired with individual emission filters from 89000 set for highest SNR image-splitting when acquiring multiple channels simultaneously. May be used with color cameras for standard image acquisition. Use of monochrome cameras requires an image-splitting device.

FILTER SET PARTS		PRICE
	89101x (EX)	\$575
	89100bs (BS)	\$425
	89101m (EM)	\$575
Total Price		\$1,350

**TRF69901 - ET - 405/488/561nm Laser Triple Band Set for TIRF applications**

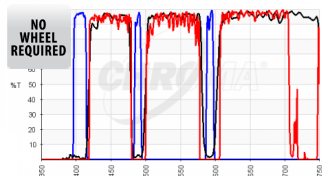
For use with lasers between 400-410nm, 486-492nm and 558-563nm
Set includes no additional emission filters; instead, the triple band emission filter has greatly increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

FILTER SET PARTS		PRICE
	ZET405/488/561x (EX)	\$500
	ZT405/488/561rpc (BS)	\$600
	ZET405/488/561m-TRF (EM)	\$900
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,350
Mounted in a Laser TIRF for Olympus BX2 models		\$2,475
Mounted in a Zeiss Axio TIRF*		\$2,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,475

**TRF59901 - ET - 405/488nm Laser Dual Band Set for TIRF applications**

For use with lasers between 400-408nm and 485-491nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

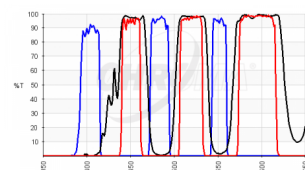
FILTER SET PARTS		PRICE
	ZET405/488x (EX)	\$450
	ZT405/488rpc (BS)	\$575
	ZET405/488m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375



TRF69902 - ET - 405/488/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-412nm, 486-492nm and 591-596nm
Set includes no additional emission filters; instead, the triple band emission filter has greatly increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

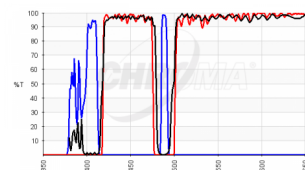
FILTER SET PARTS	PRICE
■ ZET405/488/594x (EX)	\$500
■ ZT405/488/594rpc (BS)	\$600
■ ZET405/488/594m-TRF (EM)	\$900
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,350
Mounted in a Laser TIRF for Olympus BX2 models	\$2,475
Mounted in a Zeiss Axio TIRF*	\$2,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,475



69000 - ET - DAPI/FITC/TRITC

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

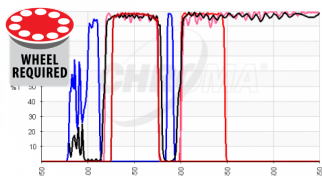
FILTER SET PARTS	PRICE
■ 69000x (EX)	\$400
■ 69000bs (BS)	\$375
■ 69000m (EM)	\$400
Total Price	\$1,100



59901 - ET - 405/488nm Laser Dual Band Set

For use with lasers between 400-408nm and 485-491nm

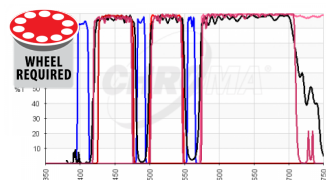
FILTER SET PARTS	PRICE
■ ZET405/488x (EX)	\$450
■ ZT405/488rpc (BS)	\$475
■ ZET405/488m (EM)	\$525
Total Price	\$1,275



TRF59901-EM - ET - 405/488nm Laser Dual Band Set for TIRF applications

For use with lasers between 400-408nm and 485-491nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS	PRICE
■ ZET405/488x (EX)	\$450
■ ZT405/488rpc (BS)	\$575
■ ET450/50m (EM)	\$325
■ ET525/50m (EM)	\$325
■ ZET405/488m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,550
Mounted in a Laser TIRF for Olympus BX2 models	\$2,675
Mounted in a Zeiss Axio TIRF*	\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,675

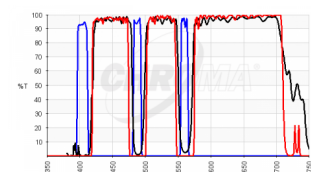


TRF69901-EM-ET - 405/488/561nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-410nm, 486-492nm and 558-563nm

Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

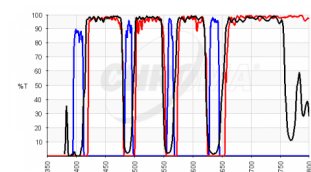
FILTER SET PARTS		PRICE
	ZET405/488/561x (EX)	\$500
	ZT405/488/561rpc (BS)	\$600
	ET450/50m (EM)	\$325
	ET525/50m (EM)	\$325
	ET575lp (EM)	\$325
	ZET405/488/561m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,950
Mounted in a Laser TIRF for Olympus BX2 models		\$3,075
Mounted in a Zeiss Axio TIRF*		\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,075



69901 - ET - 405/488/561nm Laser Triple Band set

For use with lasers between 400-410nm, 486-492nm and 558-563nm

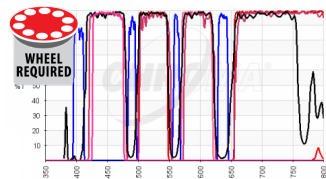
FILTER SET PARTS		PRICE
	ZET405/488/561x (EX)	\$500
	ZT405/488/561rpc (BS)	\$500
	ZET405/488/561m (EM)	\$550
Total Price		\$1,375



89901 - ET - 405/488/561/640nm Laser Quad Band Set

For use with lasers between 400-410nm, 486-492nm, 559-563nm and 633-642nm

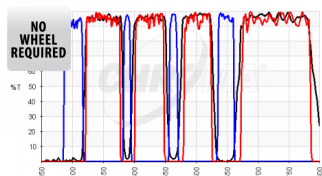
FILTER SET PARTS		PRICE
	ZET405/488/561/640x (EX)	\$550
	ZT405/488/561/640rpc (BS)	\$550
	ZET405/488/561/640m (EM)	\$625
Total Price		\$1,475



TRF89901-EM-ET - 405/488/561/640nm Laser Quad Band Set for TIRF applications

Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

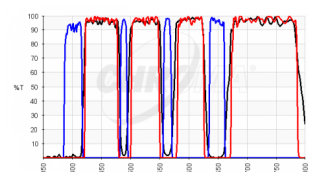
FILTER SET PARTS		PRICE
	ZET405/488/561/640x (EX)	\$550
	ZT405/488/561/640rpc (BS)	\$650
	ET450/50m (EM)	\$325
	ET525/50m (EM)	\$325
	ET595/50m (EM)	\$325
	ET655lp (EM)	\$325
	ZET405/488/561/640m (EM)	\$625
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$3,350
Mounted in a Laser TIRF for Olympus BX2 models		\$3,475
Mounted in a Zeiss Axio TIRF*		\$3,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,475



TRF89902 - ET - 405/488/561/647nm Laser Quad Band Set for TIRF applications

Set includes no additional emission filters; instead, the quad band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

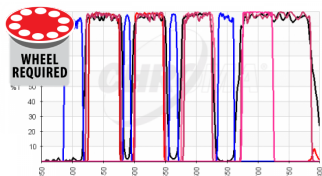
FILTER SET PARTS	PRICE
ZET405/488/561/647x (EX)	\$550
ZT405/488/561/647rpc (BS)	\$650
ZET405/488/561/647m-TRF (EM)	\$950
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,500
Mounted in a Laser TIRF for Olympus BX2 models	\$2,625
Mounted in a Zeiss Axio TIRF*	\$2,375
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,625



89902 - ET - 405/488/561/647nm Laser Quad Band Set

For use with lasers between 400-410nm, 486-492nm, 559-563nm and 640-658nm

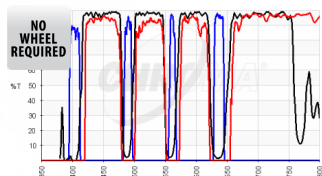
FILTER SET PARTS	PRICE
ZET405/488/561/647x (EX)	\$550
ZT405/488/561/647rpc (BS)	\$550
ZET405/488/561/647m (EM)	\$625
Total Price	\$1,475



TRF89902-EM - ET - 405/488/561/647nm Laser Quad Band Set for TIRF applications

Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

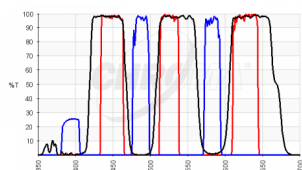
FILTER SET PARTS	PRICE
ZET405/488/561/647x (EX)	\$550
ZT405/488/561/647rpc (BS)	\$650
ET450/50m (EM)	\$325
ET525/50m (EM)	\$325
ET605/52m (EM)	\$325
ET700/50m (EM)	\$325
ZET405/488/561/647m (EM)	\$625
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$3,350
Mounted in a Laser TIRF for Olympus BX2 models	\$3,475
Mounted in a Zeiss Axio TIRF*	\$3,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,475



TRF89901 - ET - 405/488/561/640nm Laser Quad Band Set for TIRF applications

Set includes no additional emission filters; instead, the quad band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

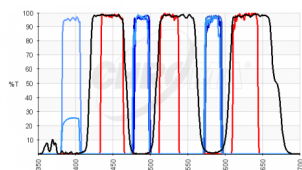
FILTER SET PARTS	PRICE
ZET405/488/561/640x (EX)	\$550
ZT405/488/561/640rpc (BS)	\$650
ZET405/488/561/640m-TRF (EM)	\$950
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,500
Mounted in a Laser TIRF for Olympus BX2 models	\$2,625
Mounted in a Zeiss Axio TIRF*	\$2,375
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,625



69015 - ET - DAPI/Green/Red FISH

Triple band filter set ideal for simultaneous viewing of DAPI and commercially available Green and Red FISH probes. Attenuated level of DAPI excitation provides better balance of colors so that DAPI signal is not overwhelming.

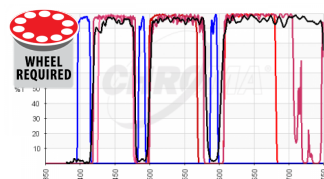
FILTER SET PARTS		PRICE
■	69015x (EX)	\$400
■	69015bs (BS)	\$375
■	69015m (EM)	\$400
Total Price		\$1,100



89085 - ET - DAPI/Green/Red Multi-Exciter FISH

This filter set replaces the original 83000 set and the recent 89083 set. Tripleband filter set with passbands equivalent to the 69015 set. In addition, This set also contains a Green/Red dualband excitation filter and 3 individual single band excitation filters. This allows the user to detect DAPI/Green/Red simultaneously with the tripleband exciter, or only Green/Red with the dualband exciter, or single colors for imaging to a camera.

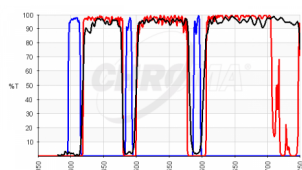
FILTER SET PARTS		PRICE
■	59010x (EX)	\$350
■	69015x (EX)	\$400
■	ET395/25x (EX)	\$325
■	ET490/20x (EX)	\$325
■	ET585/22x (EX)	\$325
■	69015bs (BS)	\$375
■	69015m (EM)	\$400
Total Price		\$1,950



TRF69902-EM - ET - 405/488/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-412nm, 486-492nm and 591-596nm. Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

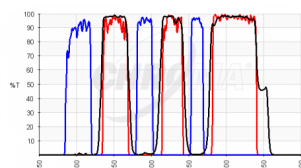
FILTER SET PARTS		PRICE
■	ZET405/488/594x (EX)	\$500
■	ZT405/488/594rpc (BS)	\$600
■	ET450/50m (EM)	\$325
■	ET535/70m (EM)	\$375
■	ET645/75m (EM)	\$325
■	ZET405/488/594m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,950
Mounted in a Laser TIRF for Olympus BX2 models		\$3,075
Mounted in a Zeiss Axio TIRF*		\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,075



69902 - ET - 405/488/594nm Laser Triple Band set

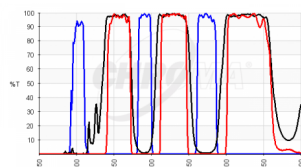
For use with lasers between 400-412nm, 486-492nm and 591-596nm

FILTER SET PARTS		PRICE
■	ZET405/488/594x (EX)	\$500
■	ZT405/488/594rpc (BS)	\$500
■	ZET405/488/594m (EM)	\$550
Total Price		\$1,375

**69010 - ET - DAPI/FITC/Cy3**

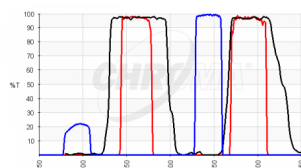
This triple band set is intended to provide an attenuated Cy3/TRITC/AF546 signal in applications where these orange channel signals overwhelm the green channel signals, and compensation is required.

FILTER SET PARTS		PRICE
■	69010x (EX)	\$400
■	69010bs (BS)	\$375
■	69010m (EM)	\$400
Total Price		\$1,100

**69002 - ET - DAPI/FITC/Texas Red®**

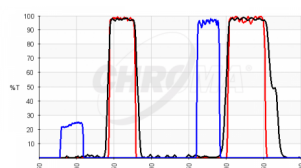
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	69002x (EX)	\$400
■	69002bs (BS)	\$375
■	69002m (EM)	\$400
Total Price		\$1,100

**59002v2 - ET - DAPI/Orange FISH**

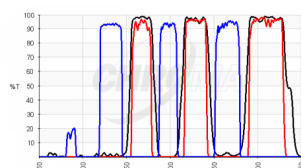
Dual band filter set for simultaneous viewing of OrangeFISH probes and a DAPI counterstain. Features an attenuated level of DAPI excitation to balance the intensity of DAPI and Orange fluorescence signals. Replaces the original 59002.

FILTER SET PARTS		PRICE
■	59002xv2 (EX)	\$350
■	59002bs (BS)	\$325
■	59002m (EM)	\$350
Total Price		\$925

**59003v2 - ET - DAPI/Red FISH**

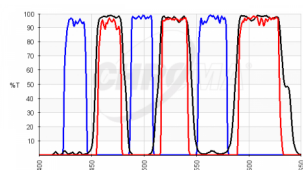
Dual band filter set for simultaneous viewing of Red FISH probes and a DAPI counterstain. Features an attenuated level of DAPI excitation to balance the intensity of DAPI and Red fluorescence signals. Replaces the original 59003.

FILTER SET PARTS		PRICE
■	59003xv2 (EX)	\$350
■	59003bs (BS)	\$325
■	59003m (EM)	\$350
Total Price		\$925

**69014 - ET - DAPI/Aqua/Green/Orange FISH**

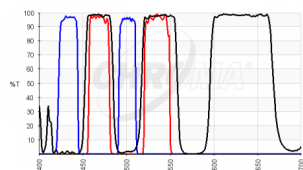
Similar to 69011 filter set, except for excitation filter. Excitation filter is a quad band, with an attenuated level of excitation for DAPI. This allows for a dim DAPI counterstain that does not overwhelm the Aqua signals. DAPI and Aqua use the same emission band for fluorescence. For simultaneous viewing, not for use with camera.

FILTER SET PARTS		PRICE
■	69014x (EX)	\$475
■	69011bs (BS)	\$375
■	69011m (EM)	\$400
Total Price		\$1,200

**69011 - ET-Aqua/Green/Orange FISH**

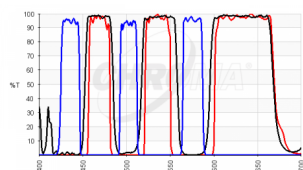
Triple band filter set ideal for simultaneous viewing of commercially available Aqua, Green and Orange FISH probes.

FILTER SET PARTS		PRICE
■	69011x (EX)	\$400
■	69011bs (BS)	\$375
■	69011m (EM)	\$400
Total Price		\$1,100

**59017 - ET - ECFP/EYFP**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

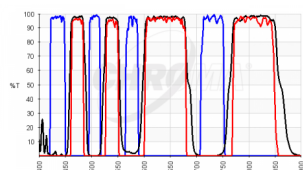
FILTER SET PARTS		PRICE
■	59017x (EX)	\$350
■	69008bs (BS)	\$375
■	59017m (EM)	\$350
Total Price		\$925

**69008 - ET - ECFP/EYFP/mCherry**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

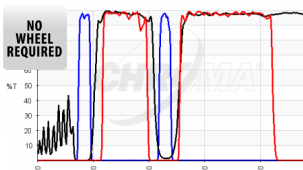
This set is also ideal as a tripleband filter set in FISH applications for simultaneous viewing of commercially available Aqua, Green and Red FISH probes.

FILTER SET PARTS		PRICE
■	69008x (EX)	\$400
■	69008bs (BS)	\$375
■	69008m (EM)	\$400
Total Price		\$1,100

**89403 - ET - 436-28/506-21/578-24/730-40 Multi LED set**

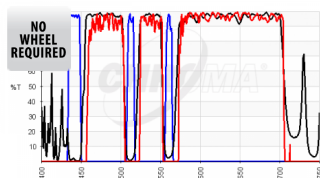
Quad band catalog set for Multi LED light engines like those manufactured by Lumencor, CoolLED, Excelitas and Cairn Research. Excitation passbands are matched to discrete, triggerable LEDs appropriate for excitation of CFP/YFP/RFP/Cy7 and similar fluors. Not intended for use with white light sources.

FILTER SET PARTS		PRICE
■	89403x (EX)	\$550
■	89403bs (BS)	\$475
■	89403m (EM)	\$575
Total Price		\$1,400

**TRF59902 - ET - 442/514nm Laser Dual Band Set for TIRF applications**

For use with lasers between 439-445nm and 512-517nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

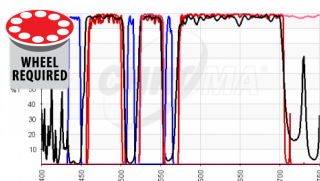
FILTER SET PARTS		PRICE
■	ZET442/514x (EX)	\$450
■	ZT442/514rpc (BS)	\$575
■	ZET442/514m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375



TRF69904 - ET - 442/514/561nm Laser Triple Band Set for TIRF applications

For use with lasers between 437-448nm, 511-516nm and 559-564nm
Set includes no additional emission filters; instead, the triple band emission filter has greatly increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

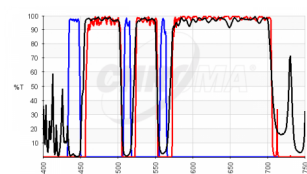
FILTER SET PARTS	PRICE
■ ZET442/514/561x (EX)	\$500
■ ZT442/514/561rpc (BS)	\$600
■ ZET442/514/561m-TRF (EM)	\$900
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,350
Mounted in a Laser TIRF for Olympus BX2 models	\$2,475
Mounted in a Zeiss Axio TIRF*	\$2,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,475



TRF69904-EM - ET - 442/514/561nm Laser Triple Band Set for TIRF applications

For use with lasers between 437-448nm, 511-516nm and 559-564nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

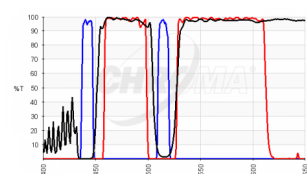
FILTER SET PARTS	PRICE
■ ZET442/514/561x (EX)	\$500
■ ZT442/514/561rpc (BS)	\$600
■ ET480/40m (EM)	\$325
■ ET540/30m (EM)	\$325
■ ET575lp (EM)	\$325
■ ZET442/514/561m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,950
Mounted in a Laser TIRF for Olympus BX2 models	\$3,075
Mounted in a Zeiss Axio TIRF*	\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,075



69904 - ET - 442/514/561nm Laser Triple Band set

For use with lasers between 437-448nm, 511-516nm and 559-564nm

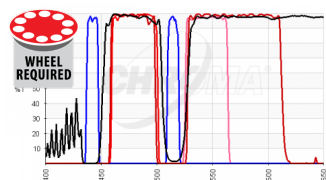
FILTER SET PARTS	PRICE
■ ZET442/514/561x (EX)	\$500
■ ZT442/514/561rpc (BS)	\$500
■ ZET442/514/561m (EM)	\$550
Total Price	\$1,375



59902 - ET - 442/514nm Laser Dual Band Set

For use with lasers between 439-445nm and 512-517nm

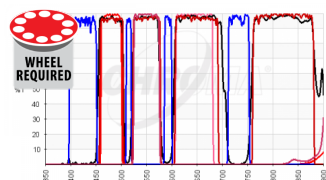
FILTER SET PARTS	PRICE
■ ZET442/514x (EX)	\$450
■ ZT442/514rpc (BS)	\$475
■ ZET442/514m (EM)	\$525
Total Price	\$1,275



TRF59902-EM-ET - 442/514nm Laser Dual Band Set for TIRF applications

For use with lasers between 439-445nm and 512-517nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

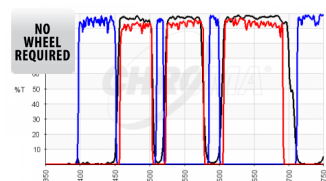
FILTER SET PARTS		PRICE
	ZET442/514x (EX)	\$450
	ZT442/514rpc (BS)	\$575
	ET480/40m (EM)	\$325
	ET545/40m (EM)	\$325
	ZET442/514m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



TRF69905-EM-ET - 442/514/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-449nm, 511-518nm and 588-597 nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

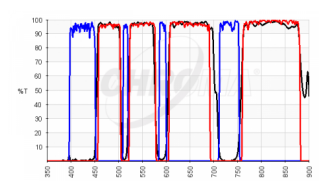
FILTER SET PARTS		PRICE
	ZET445/514/594x (EX)	\$500
	ZT445/514/594rpc (BS)	\$600
	ET480/40m (EM)	\$325
	ET550/50m (EM)	\$325
	ET645/75m (EM)	\$325
	ZET445/514/594m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,950
Mounted in a Laser TIRF for Olympus BX2 models		\$3,075
Mounted in a Zeiss Axio TIRF*		\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,075



TRF69905-ET - 442/514/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-449nm, 511-518nm and 588-597nm
Set includes no additional emission filters; instead, the triple band emission filter has greatly increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

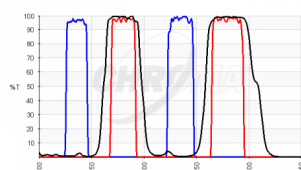
FILTER SET PARTS		PRICE
	ZET445/514/594x (EX)	\$500
	ZT445/514/594rpc (BS)	\$600
	ZET445/514/594m-TRF (EM)	\$900
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,350
Mounted in a Laser TIRF for Olympus BX2 models		\$2,475
Mounted in a Zeiss Axio TIRF*		\$2,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,475



69905-ET - 445/514/594nm Laser Triple Band set

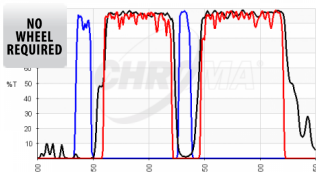
For use with lasers between 405-448nm, 511-516nm and 589-596nm

FILTER SET PARTS		PRICE
	ZET445/514/594x (EX)	\$500
	ZT445/514/594rpc (BS)	\$500
	ZET445/514/594m (EM)	\$550
Total Price		\$1,375

**59033 - ET - Aqua/Gold FISH**

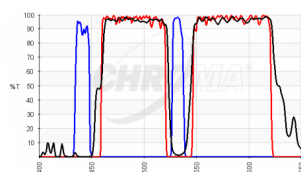
Dualband filter set ideal for simultaneous viewing of commercially available Aqua and Gold FISH probes.

FILTER SET PARTS		PRICE
■	59033x (EX)	\$350
■	59033bs (BS)	\$325
■	59033m (EM)	\$350
Total Price		\$925

**TRF59903 - ET - 442/532nm Laser Dual Band Set for TIRF applications**

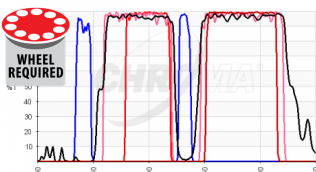
For use with lasers between 438-445nm and 530-535nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

FILTER SET PARTS		PRICE
■	ZET442/532x (EX)	\$450
■	ZT442/532rpc (BS)	\$575
■	ZET442/532m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375

**59903 - ET - 442/532nm Laser Dual Band Set**

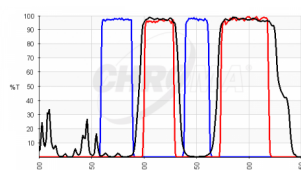
For use with lasers between 438-445nm and 530-535nm

FILTER SET PARTS		PRICE
■	ZET442/532x (EX)	\$450
■	ZT442/532rpc (BS)	\$475
■	ZET442/532m (EM)	\$525
Total Price		\$1,275

**TRF59903-EM - ET - 442/532nm Laser Dual Band Set for TIRF applications**

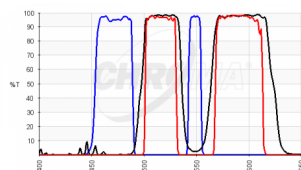
For use with lasers between 438-445nm and 530-535nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
■	ZET442/532x (EX)	\$450
■	ZT442/532rpc (BS)	\$575
■	ET500/40m (EM)	\$325
■	ET585/65m (EM)	\$325
■	ZET442/532m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675

**59012 - ET - Green/Orange #2 FISH**

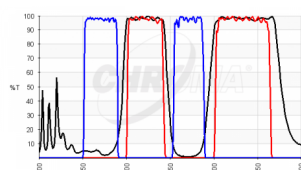
Dualband filter set ideal for simultaneous viewing of commercially available Green and Orange FISH probes. Intended to balance the two fluorescence signals by increasing Orange signal intensity relative to Green when used with LED sources which tend to be weaker in 540-560nm wavelength region.

FILTER SET PARTS		PRICE
■	59012x (EX)	\$350
■	59012bs (BS)	\$325
■	59012m (EM)	\$350
Total Price		\$925

**59004 - ET - FITC/TRITC**

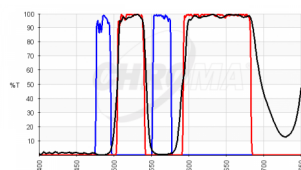
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	59004x (EX)	\$350
■	59004bs (BS)	\$325
■	59004m (EM)	\$350
Total Price		\$925

**59022 - ET - EGFP/mCherry (or FITC/TxRed)**

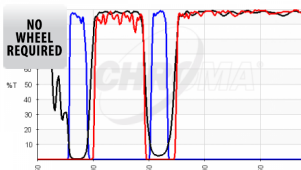
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	59022x (EX)	\$350
■	59022bs (BS)	\$325
■	59022m (EM)	\$350
Total Price		\$925

**59009 - ET - FITC/CY3**

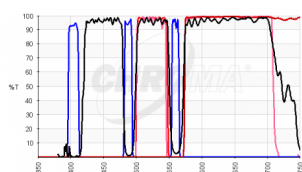
This dual band set is intended to provide an attenuated Cy3/TRITC/AF546 signal in applications where these orange channel signals overwhelm the green channel signals, and compensation is required.

FILTER SET PARTS		PRICE
■	59009x (EX)	\$350
■	59009bs (BS)	\$325
■	59009m (EM)	\$350
Total Price		\$925

**TRF59904 - ET - 488/561nm Laser Dual Band Set for TIRF applications**

For use with lasers between 486-492nm and 556-563nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

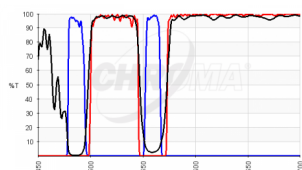
FILTER SET PARTS		PRICE
■	ZET488/561x (EX)	\$450
■	ZT488/561rpc (BS)	\$575
■	ZET488/561m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375



59908 - ET - 488/561 PALM Dual Band Emission Set with 405nm activation

For use with imaging lasers between 486-492nm and 558-563nm and photoactivation laser 400-410nm

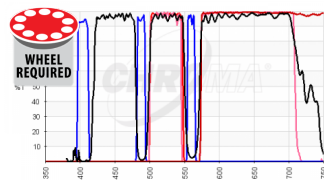
FILTER SET PARTS	PRICE
ZET405/488/561x (EX)	\$500
ZT405/488/561rpc (BS)	\$500
ET525/50m (EM)	\$325
ET575lp (EM)	\$325
ZET488/561m (EM)	\$525
Total Price	\$1,950



59904 - ET - 488/561nm Laser Dual Band Set

For use with lasers between 486-492nm and 556-563nm

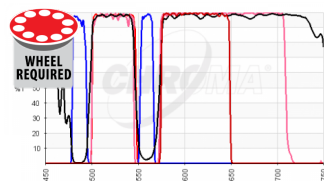
FILTER SET PARTS	PRICE
ZET488/561x (EX)	\$450
ZT488/561rpc (BS)	\$475
ZET488/561m (EM)	\$525
Total Price	\$1,275



TRF59908-EM - ET - PALM Dual Band Emission Set for 488/561nm TIRF applications with 405nm excitation

For use with imaging lasers between 486-492nm and 558-563nm and photoactivation laser 400-410nm
Set includes the same filter combination as the 59908 PALM set, but with the 2mm TIRF dichroic.

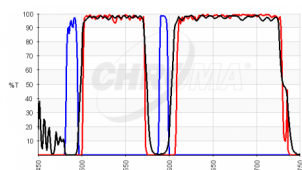
FILTER SET PARTS	PRICE
ZET405/488/561x (EX)	\$500
ZT405/488/561rpc (BS)	\$600
ET525/50m (EM)	\$325
ET575lp (EM)	\$325
ZET488/561m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,600
Mounted in a Laser TIRF for Olympus BX2 models	\$2,725
Mounted in a Zeiss Axio TIRF*	\$2,475
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,725



TRF59904-EM - ET - 488/561nm Laser Dual Band Set for TIRF applications

For use with lasers between 486-492nm and 556-563nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

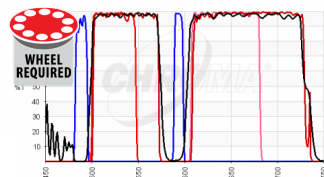
FILTER SET PARTS	PRICE
ZET488/561x (EX)	\$450
ZT488/561rpc (BS)	\$575
ET525/50m (EM)	\$325
ET610/75m (EM)	\$325
ZET488/561m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,550
Mounted in a Laser TIRF for Olympus BX2 models	\$2,675
Mounted in a Zeiss Axio TIRF*	\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,675



59905 - ET - 488/594nm Laser Dual Band Set

For use with lasers between 486-492nm and 591-596nm

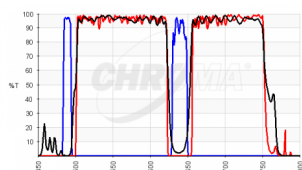
FILTER SET PARTS	PRICE
■ ZET488/594x (EX)	\$450
■ ZT488/594rpc (BS)	\$475
■ ZET488/594m (EM)	\$525
Total Price	\$1,275



TRF59905-EM - ET - 488/594nm Laser Dual Band Set for TIRF applications

For use with lasers between 486-492nm and 591-596nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

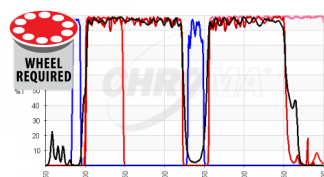
FILTER SET PARTS	PRICE
■ ZET488/594x (EX)	\$450
■ ZT488/594rpc (BS)	\$575
■ ET525/50m (EM)	\$325
■ ET645/75m (EM)	\$325
■ ZET488/594m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,550
Mounted in a Laser TIRF for Olympus BX2 models	\$2,675
Mounted in a Zeiss Axio TIRF*	\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,675



59906 - ET - 488/640nm Laser Dual Band Set

For use with lasers between 486-492nm and 633-647nm

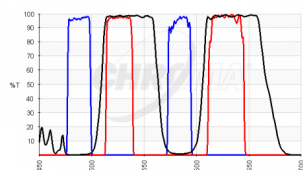
FILTER SET PARTS	PRICE
■ ZET488/640x (EX)	\$450
■ ZT488/640rpc (BS)	\$475
■ ZET488/640m (EM)	\$525
Total Price	\$1,275



TRF59906-EM - ET - 488/640nm Laser Dual Band Set for TIRF applications

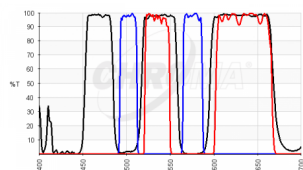
For use with lasers between 486-492nm and 633-647nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS	PRICE
■ ZET488/640x (EX)	\$450
■ ZT488/640rpc (BS)	\$575
■ ET525/50m (EM)	\$325
■ ET655lp (EM)	\$325
■ ZET488/640m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,550
Mounted in a Laser TIRF for Olympus BX2 models	\$2,675
Mounted in a Zeiss Axio TIRF*	\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,675

**59010 - ET - Green/Red #1 FISH**

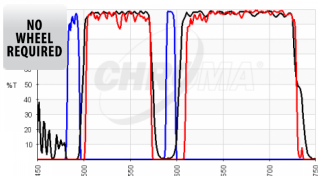
This dual band filter set is ideal for simultaneous viewing of commercially available Green and Red FISH probes. Intended to balance the two fluorescence signals and also avoid detection of Gold probes if also present.

FILTER SET PARTS		PRICE
■	59010x (EX)	\$350
■	59010bs (BS)	\$325
■	59010m (EM)	\$350
Total Price		\$925

**59026 - ET - EYFP/mCherry**

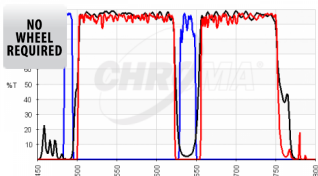
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	59026x (EX)	\$350
■	69008bs (BS)	\$375
■	59026m (EM)	\$350
Total Price		\$925

**TRF59905 - ET - 488/594nm Laser Dual Band Set for TIRF applications**

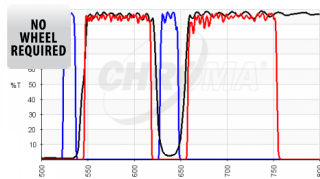
For use with lasers between 486-492nm and 591-596nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

FILTER SET PARTS		PRICE
■	ZET488/594x (EX)	\$450
■	ZT488/594rpc (BS)	\$575
■	ZET488/594m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375

**TRF59906 - ET - 488/640nm Laser Dual Band Set for TIRF applications**

For use with lasers between 486-492nm and 633-647nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

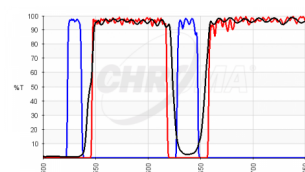
FILTER SET PARTS		PRICE
■	ZET488/640x (EX)	\$450
■	ZT488/640rpc (BS)	\$575
■	ZET488/640m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375



TRF59907 - ET - 532/640nm Laser Dual Band Set for TIRF applications

For use with lasers between 528-535nm and 633-647nm
Set includes no additional emission filters; instead, the dual band emission filter has increased blocking for greater attenuation of TIRF lasers without the use of additional filters.

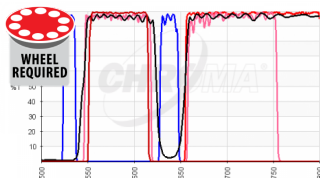
FILTER SET PARTS		PRICE
■	ZET532/640x (EX)	\$450
■	ZT532/640rpc (BS)	\$575
■	ZET532/640m-TRF (EM)	\$850
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,250
Mounted in a Laser TIRF for Olympus BX2 models		\$2,375
Mounted in a Zeiss Axio TIRF*		\$2,125
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,375



59907 - ET - 532/640nm Laser Dual Band Set

For use with lasers between 528-535nm and 633-647nm

FILTER SET PARTS		PRICE
■	ZET532/640x (EX)	\$450
■	ZT532/640rpc (BS)	\$475
■	ZET532/640m (EM)	\$525
Total Price		\$1,275



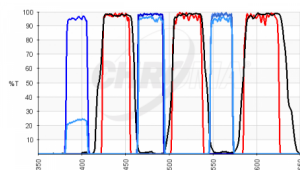
TRF59907-EM - ET - 532/640nm Laser Dual Band Set for TIRF applications

For use with lasers between 528-535nm and 633-647nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
■	ZET532/640x (EX)	\$450
■	ZT532/640rpc (BS)	\$575
■	ET585/65m (EM)	\$325
■	ET655lp (EM)	\$325
■	ZET532/640m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675

COMPLETE FILTER SETS / MULTI BAND FILTER SETS

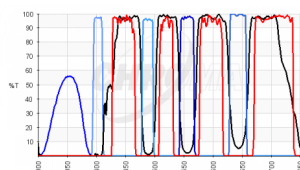
Single Band Exciters/Multi Band Emitter

**89084v2 - ET - DAPI/Green/Orange Multi-Exciter FISH**

This filter set replaces the original 82000 set and the recent 89084 set.

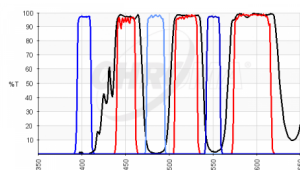
It is a tripleband filter set with passbands equivalent to the 69013v2 set. In addition, This set also contains a Green/Orange dualband excitation filter and 3 individual single band excitation filters. This allows the user to detect DAPI/Green/Orange simultaneously with the tripleband exciter, or only Green/Orange with the dualband exciter, or single colors for imaging to a camera. The tripleband excitation filter features an attenuated level of DAPI excitation.

FILTER SET PARTS	PRICE
■ 59011x (EX)	\$350
■ 69013xv2 (EX)	\$400
■ ET395/25x (EX)	\$325
■ ET480/30x (EX)	\$325
■ ET560/25x (EX)	\$325
■ 69013bs (BS)	\$375
■ 69013m (EM)	\$400
Total Price	\$1,950

**89400 - ET - DAPI/FITC/TRITC/Cy5 Quad with Single Band Exciters**

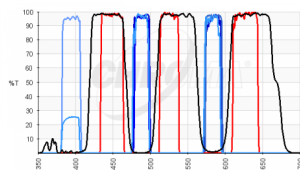
A version of the 89000 Quad set with a quad band emission filter and four individual excitation filters for use in an external filter housing such as a filter wheel, similar to Chroma's original Pinkel filter set. Allows for selective excitation of individual fluoros in sample containing multiple fluoros. Appropriate for live viewing or image acquisition with monochrome or color cameras.

FILTER SET PARTS	PRICE
■ AT350/50x (EX)	\$150
■ ET402/15x (EX)	\$325
■ ET490/20x (EX)	\$325
■ ET555/25x (EX)	\$325
■ ET645/30x (EX)	\$325
■ 89100bs (BS)	\$425
■ 89101m (EM)	\$575
Total Price	\$1,950

**69300 - ET - DAPI/FITC/TRITC with single band exciters**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

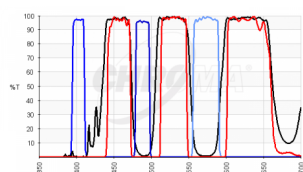
FILTER SET PARTS	PRICE
■ ET402/15x (EX)	\$325
■ ET485/20x (EX)	\$325
■ ET550/15x (EX)	\$325
■ 69000bs (BS)	\$375
■ 69000m (EM)	\$400
Total Price	\$1,475

**89085 - ET - DAPI/Green/Red Multi-Exciter FISH**

This filter set replaces the original 83000 set and the recent 89083 set.

Tripleband filter set with passbands equivalent to the 69015 set. In addition, This set also contains a Green/Red dualband excitation filter and 3 individual single band excitation filters. This allows the user to detect DAPI/Green/Red simultaneously with the tripleband exciter, or only Green/Red with the dualband exciter, or single colors for imaging to a camera.

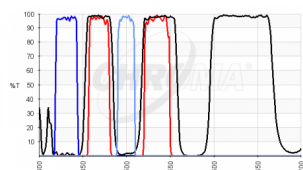
FILTER SET PARTS	PRICE
■ 59010x (EX)	\$350
■ 69015x (EX)	\$400
■ ET395/25x (EX)	\$325
■ ET490/20x (EX)	\$325
■ ET585/22x (EX)	\$325
■ 69015bs (BS)	\$375
■ 69015m (EM)	\$400
Total Price	\$1,950



69302 - ET - DAPI/FITC/Texas Red® with single band exciters

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

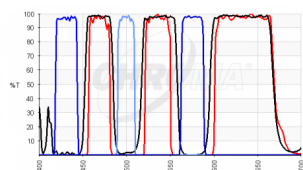
FILTER SET PARTS		PRICE
■	ET402/15x (EX)	\$325
■	ET490/20x (EX)	\$325
■	ET572/35x (EX)	\$325
■	69002bs (BS)	\$375
■	69002m (EM)	\$400
Total Price		\$1,475



59217 - ET - ECFP/EYFP with single band exciters

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

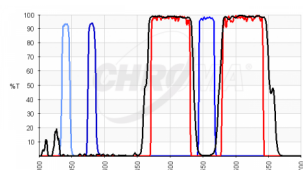
FILTER SET PARTS		PRICE
■	ET430/24x (EX)	\$325
■	ET500/20x (EX)	\$325
■	69008bs (BS)	\$375
■	59017m (EM)	\$350
Total Price		\$1,200



69308 - ET - ECFP/EYFP/mCherry with single band exciters

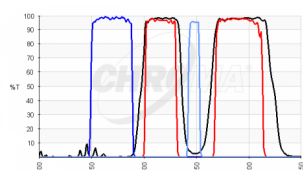
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET430/24x (EX)	\$325
■	ET500/20x (EX)	\$325
■	ET577/25x (EX)	\$325
■	69008bs (BS)	\$375
■	69008m (EM)	\$400
Total Price		\$1,475



79003 - ET - Fura 2/TRITC

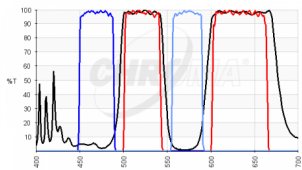
FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	ET555/25x (EX)	\$325
■	79003bs (BS)	\$400
■	79003m (EM)	\$450
Total Price		\$1,750



59204 - ET - FITC/TRITC with single band exciters

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

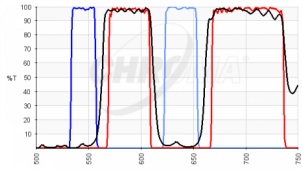
FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	ET548/10x (EX)	\$325
■	59004bs (BS)	\$325
■	59004m (EM)	\$350
Total Price		\$1,200



59222 - ET - EGFP/mCherry (or FITC/TxRed) with single band exciters

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	ET572/35x (EX)	\$325
■	59022bs (BS)	\$325
■	59022m (EM)	\$350
Total Price		\$1,200

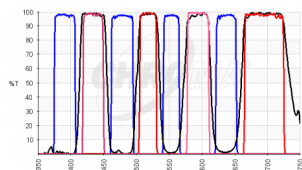


59207 - ET - CY3/Cy5 with single band exciters

FILTER SET PARTS		PRICE
■	ET545/25x (EX)	\$325
■	ET640/30x (EX)	\$325
■	59007bs (BS)	\$325
■	59007m (EM)	\$350
Total Price		\$1,200

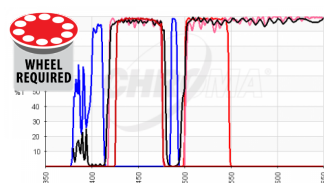
COMPLETE FILTER SETS / MULTI BAND FILTER SETS

Multi-Band Exciters/Single Band Emitters


89404 - ET - 391-32/479-33/554-24/638-31
Multi LED set with single band emitters

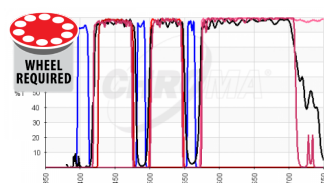
Single emission filter version of 89402 set.
 Quad band catalog set for Multi LED light engines like those manufactured by Lumencor, CoolLED, Excelitas and Cairn Research. Excitation passbands are matched to discrete, triggerable LEDs appropriate for excitation of DAPI/FITC/TRITC/Cy5 and similar fluorors. Not intended for use with white light sources.

FILTER SET PARTS	PRICE
■ 89402x (EX)	\$550
■ 89402bs (BS)	\$475
■ ET434/32m (EM)	\$325
■ ET519/26m (EM)	\$325
■ ET595/33m (EM)	\$325
■ ET697/60m (EM)	\$325
Total Price	\$2,100


TRF59901-EM - ET - 405/488nm Laser Dual
Band Set for TIRF applications

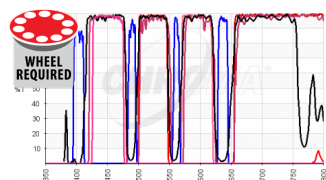
For use with lasers between 400-408nm and 485-491nm
 Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS	PRICE
■ ZET405/488x (EX)	\$450
■ ZT405/488rpc (BS)	\$575
■ ET450/50m (EM)	\$325
■ ET525/50m (EM)	\$325
■ ZET405/488m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,550
Mounted in a Laser TIRF for Olympus BX2 models	\$2,675
Mounted in a Zeiss Axio TIRF*	\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$2,675


TRF69901-EM - ET - 405/488/561nm Laser
Triple Band Set for TIRF applications

For use with lasers between 400-410nm, 486-492nm and 558-563nm
 Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

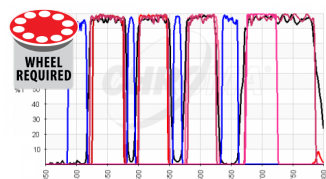
FILTER SET PARTS	PRICE
■ ZET405/488/561x (EX)	\$500
■ ZT405/488/561rpc (BS)	\$600
■ ET450/50m (EM)	\$325
■ ET525/50m (EM)	\$325
■ ET575lp (EM)	\$325
■ ZET405/488/561m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,950
Mounted in a Laser TIRF for Olympus BX2 models	\$3,075
Mounted in a Zeiss Axio TIRF*	\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,075



TRF89901-EM - ET - 405/488/561/640nm Laser Quad Band Set for TIRF applications

Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

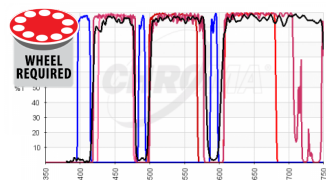
FILTER SET PARTS	PRICE
■ ZET405/488/561/640x (EX)	\$550
■ ZT405/488/561/640rpc (BS)	\$650
■ ET450/50m (EM)	\$325
■ ET525/50m (EM)	\$325
■ ET595/50m (EM)	\$325
■ ET655lp (EM)	\$325
■ ZET405/488/561/640m (EM)	\$625
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$3,350
Mounted in a Laser TIRF for Olympus BX2 models	\$3,475
Mounted in a Zeiss Axio TIRF*	\$3,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,475



TRF89902-EM - ET - 405/488/561/647nm Laser Quad Band Set for TIRF applications

Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

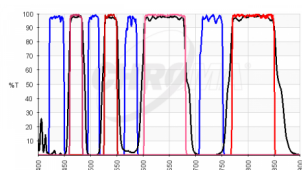
FILTER SET PARTS	PRICE
■ ZET405/488/561/647x (EX)	\$550
■ ZT405/488/561/647rpc (BS)	\$650
■ ET450/50m (EM)	\$325
■ ET525/50m (EM)	\$325
■ ET605/52m (EM)	\$325
■ ET700/50m (EM)	\$325
■ ZET405/488/561/647m (EM)	\$625
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$3,350
Mounted in a Laser TIRF for Olympus BX2 models	\$3,475
Mounted in a Zeiss Axio TIRF*	\$3,225
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,475



TRF69902-EM - ET - 405/488/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-412nm, 486-492nm and 591-596nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

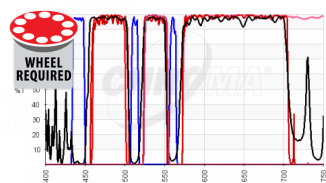
FILTER SET PARTS	PRICE
■ ZET405/488/594x (EX)	\$500
■ ZT405/488/594rpc (BS)	\$600
■ ET450/50m (EM)	\$325
■ ET535/70m (EM)	\$375
■ ET645/75m (EM)	\$325
■ ZET405/488/594m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti	\$2,950
Mounted in a Laser TIRF for Olympus BX2 models	\$3,075
Mounted in a Zeiss Axio TIRF*	\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters	\$3,075



89405 - ET - 436-28/506-21/578-24/730-40 Multi LED set with single band emitters

Single emission filter version of 89403 set. Quad band catalog set for Multi LED light engines like those manufactured by Lumencor, CoolLED, Excelitas and Cairn Research. Excitation passbands are matched to discrete, triggerable LEDs appropriate for excitation of CFP/YFP/RFP/Cy7 and similar fluors. Not intended for use with white light sources.

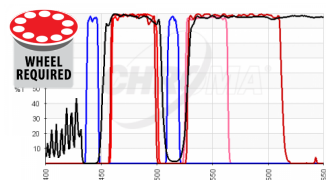
FILTER SET PARTS		PRICE
■	89403x (EX)	\$550
■	89403bs (BS)	\$475
■	ET473/24m (EM)	\$325
■	ET540/24m (EM)	\$325
■	ET642/80m (EM)	\$325
■	ET811/80m (EM)	\$325
Total Price		\$2,100



TRF69904-EM - ET - 442/514/561nm Laser Triple Band Set for TIRF applications

For use with lasers between 437-448nm, 511-516nm and 559-564nm. Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

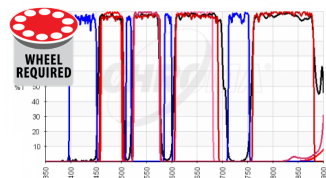
FILTER SET PARTS		PRICE
■	ZET442/514/561x (EX)	\$500
■	ZT442/514/561rpc (BS)	\$600
■	ET480/40m (EM)	\$325
■	ET540/30m (EM)	\$325
■	ET575lp (EM)	\$325
■	ZET442/514/561m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,950
Mounted in a Laser TIRF for Olympus BX2 models		\$3,075
Mounted in a Zeiss Axio TIRF*		\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,075



TRF59902-EM - ET - 442/514nm Laser Dual Band Set for TIRF applications

For use with lasers between 439-445nm and 512-517nm. Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

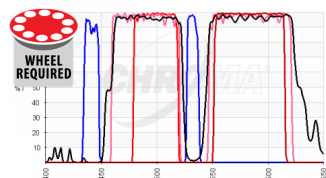
FILTER SET PARTS		PRICE
■	ZET442/514x (EX)	\$450
■	ZT442/514rpc (BS)	\$575
■	ET480/40m (EM)	\$325
■	ET545/40m (EM)	\$325
■	ZET442/514m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



TRF69905-EM - ET - 442/514/594nm Laser Triple Band Set for TIRF applications

For use with lasers between 400-449nm, 511-518nm and 588-597 nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greater attenuation of TIRF lasers.

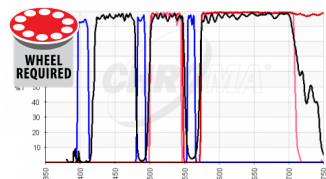
FILTER SET PARTS		PRICE
	ZET445/514/594x (EX)	\$500
	ZT445/514/594rpc (BS)	\$600
	ET480/40m (EM)	\$325
	ET550/50m (EM)	\$325
	ET645/75m (EM)	\$325
	ZET445/514/594m (EM)	\$550
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,950
Mounted in a Laser TIRF for Olympus BX2 models		\$3,075
Mounted in a Zeiss Axio TIRF*		\$2,825
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$3,075



TRF59903-EM - ET - 442/532nm Laser Dual Band Set for TIRF applications

For use with lasers between 438-445nm and 530-535nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

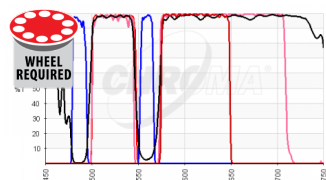
FILTER SET PARTS		PRICE
	ZET442/532x (EX)	\$450
	ZT442/532rpc (BS)	\$575
	ET500/40m (EM)	\$325
	ET585/65m (EM)	\$325
	ZET442/532m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



TRF59908-EM - ET - PALM Dual Band Emission Set for 488/561nm TIRF applications with 405nm excitation

For use with imaging lasers between 486-492nm and 558-563nm and photoactivation laser 400-410nm
Set includes the same filter combination as the 59908 PALM set, but with the 2mm TIRF dichroic.

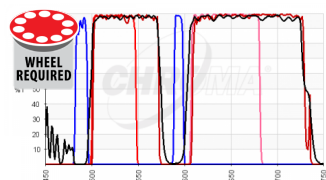
FILTER SET PARTS		PRICE
	ZET405/488/561x (EX)	\$500
	ZT405/488/561rpc (BS)	\$600
	ET525/50m (EM)	\$325
	ET575lp (EM)	\$325
	ZET488/561m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,600
Mounted in a Laser TIRF for Olympus BX2 models		\$2,725
Mounted in a Zeiss Axio TIRF*		\$2,475
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,725



TRF59904-EM - ET - 488/561nm Laser Dual Band Set for TIRF applications

For use with lasers between 486-492nm and 556-563nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

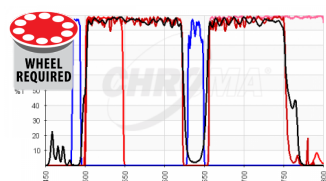
FILTER SET PARTS		PRICE
	ZET488/561x (EX)	\$450
	ZT488/561rpc (BS)	\$575
	ET525/50m (EM)	\$325
	ET610/75m (EM)	\$325
	ZET488/561m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



TRF59905-EM - ET - 488/594nm Laser Dual Band Set for TIRF applications

For use with lasers between 486-492nm and 591-596nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

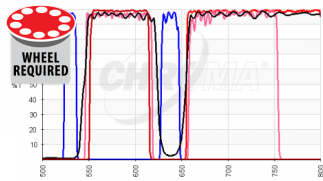
FILTER SET PARTS		PRICE
	ZET488/594x (EX)	\$450
	ZT488/594rpc (BS)	\$575
	ET525/50m (EM)	\$325
	ET645/75m (EM)	\$325
	ZET488/594m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



TRF59906-EM - ET - 488/640nm Laser Dual Band Set for TIRF applications






For use with lasers between 486-492nm and 633-647nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

FILTER SET PARTS		PRICE
	ZET488/640x (EX)	\$450
	ZT488/640rpc (BS)	\$575
	ET525/50m (EM)	\$325
	ET655p (EM)	\$325
	ZET488/640m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675



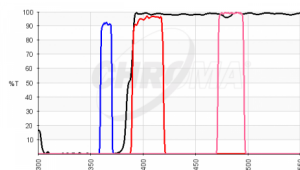
TRF59907-EM - ET - 532/640nm Laser Dual Band Set for TIRF applications

For use with lasers between 528-535nm and 633-647nm
Set includes additional emission filters for use with external emission filter wheel for signal selection and greatest attenuation of TIRF lasers.

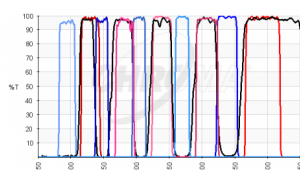
FILTER SET PARTS		PRICE
	ZET532/640x (EX)	\$450
	ZT532/640rpc (BS)	\$575
	ET585/65m (EM)	\$325
	ET655lp (EM)	\$325
	ZET532/640m (EM)	\$525
Mounted in a Laser TIRF for Nikon TE2000/Ti		\$2,550
Mounted in a Laser TIRF for Olympus BX2 models		\$2,675
Mounted in a Zeiss Axio TIRF*		\$2,425
Mounted in a Laser TIRF for Olympus BX3/IX3 models, for 25mm filters		\$2,675

COMPLETE FILTER SETS / MULTI BAND FILTER SETS

Single Band Exciters/Single Band Emitters

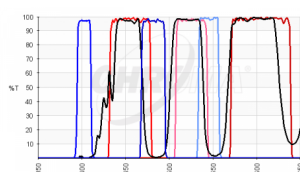
**79006 - ET - INDO**

FILTER SET PARTS	PRICE
■ ET365/10x (EX)	\$325
■ T387lp (BS)	\$275
■ ET405/30m (EM)	\$325
■ ET485/25m (EM)	\$325
Total Price	\$1,150

**89903 - ET - BV421/BV480/AF488/AF568/AF647 Quinta Band set**

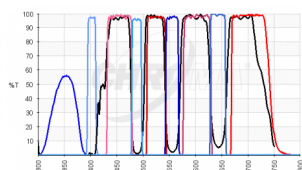
For use with BD Horizon Brilliant™ Violet 421 and Brilliant™ Violet 480 in 5-color fluorescence imaging scheme. Separate filter housings (such as external filter wheels) required for individual excitation and emission filters.

FILTER SET PARTS	PRICE
■ ET395/25x (EX)	\$325
■ ET448/19x (EX)	\$325
■ ET505/20x (EX)	\$325
■ ET570/20x (EX)	\$325
■ ET640/30x (EX)	\$325
■ 89903bs (BS)	\$650
■ ET431/28m (EM)	\$325
■ ET482/27m (EM)	\$325
■ ET540/30m (EM)	\$325
■ ET609/34m (EM)	\$325
■ ET690/50m (EM)	\$325
Total Price	\$3,450

**89013 - ET - DAPI/FITC/TRITC**

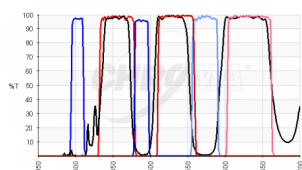
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ ET402/15x (EX)	\$325
■ ET482/28x (EX)	\$325
■ ET545/25x (EX)	\$325
■ 69000bs (BS)	\$375
■ ET455/50m (EM)	\$325
■ ET525/36m (EM)	\$325
■ ET605/70m (EM)	\$325
Total Price	\$1,875

**89000 - ET - Sedat Quad**

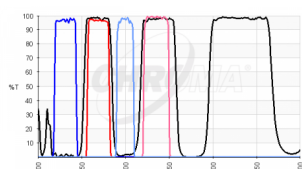
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ AT350/50x (EX)	\$150
■ ET402/15x (EX)	\$325
■ ET490/20x (EX)	\$325
■ ET555/25x (EX)	\$325
■ ET645/30x (EX)	\$325
■ 89100bs (BS)	\$425
■ ET455/50m (EM)	\$325
■ ET525/36m (EM)	\$325
■ ET605/52m (EM)	\$325
■ ET705/72m (EM)	\$325
Total Price	\$2,300

**89014 - ET - DAPI/FITC/Texas Red®**

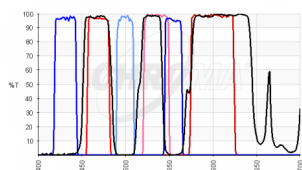
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ ET402/15x (EX)	\$325
■ ET490/20x (EX)	\$325
■ ET572/35x (EX)	\$325
■ 69002bs (BS)	\$375
■ ET455/50m (EM)	\$325
■ ET535/50m (EM)	\$325
■ ET632/60m (EM)	\$325
Total Price	\$1,875

**89002 - ET - ECFP/EYFP**

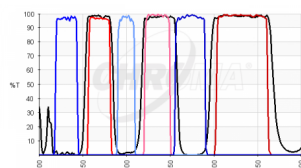
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ ET430/24x (EX)	\$325
■ ET500/20x (EX)	\$325
■ 69008bs (BS)	\$375
■ ET470/24m (EM)	\$325
■ ET535/30m (EM)	\$325
Total Price	\$1,300

**89007 - ET - ECFP/EYFP/DsRed**

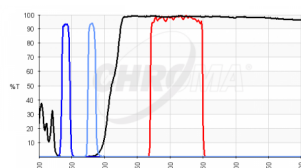
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS	PRICE
■ ET430/24x (EX)	\$325
■ ET500/20x (EX)	\$325
■ ET555/20x (EX)	\$325
■ 89007bs (BS)	\$375
■ ET470/24m (EM)	\$325
■ ET535/30m (EM)	\$325
■ ET600/50m (EM)	\$325
Total Price	\$1,875

**89006 - ET - ECFP/EYFP/mCherry**

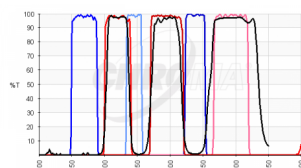
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET430/24x (EX)	\$325
■	ET500/20x (EX)	\$325
■	ET572/35x (EX)	\$325
■	69008bs (BS)	\$375
■	ET470/24m (EM)	\$325
■	ET535/30m (EM)	\$325
■	ET632/60m (EM)	\$325
Total Price		\$1,875

**79001 - ET - Fura 2**

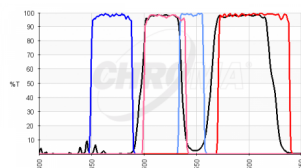
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	T400lp (BS)	\$225
■	ET510/80m (EM)	\$325
Total Price		\$975

**89016 - ET - FITC/Cy3/Cy5**

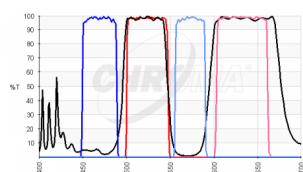
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	ET545/25x (EX)	\$325
■	ET640/30x (EX)	\$325
■	89016bs (BS)	\$375
■	ET520/40m (EM)	\$325
■	ET595/50m (EM)	\$325
■	ET690/50m (EM)	\$325
Total Price		\$1,875

**89019 - ET - FITC/TRITC**

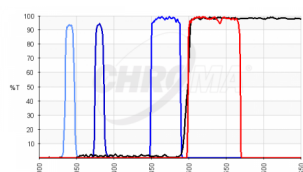
Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	ET545/25x (EX)	\$325
■	59004bs (BS)	\$325
■	ET520/40m (EM)	\$325
■	ET605/70m (EM)	\$325
Total Price		\$1,300

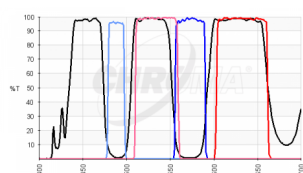
**89021 - ET - EGFP/mCherry**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

FILTER SET PARTS		PRICE
■	ET470/40x (EX)	\$325
■	ET572/35x (EX)	\$325
■	59022bs (BS)	\$325
■	ET525/50m (EM)	\$325
■	ET632/60m (EM)	\$325
Total Price		\$1,300

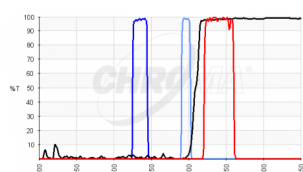
**79004 - ET - Fura 2/GFP**

FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	ET470/40x (EX)	\$325
■	T495lpxru (BS)	\$300
■	ET535/70m (EM)	\$375
Total Price		\$1,550

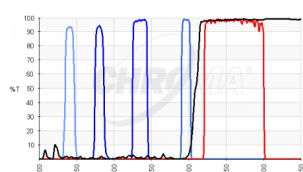
**89017 - ET - FITC/Texas Red®**

Please see the excitation intensity note on page 6 for information on how to avoid rapid photobleaching of sample.

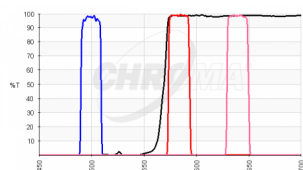
FILTER SET PARTS		PRICE
■	ET490/20x (EX)	\$325
■	ET572/35x (EX)	\$325
■	69002bs (BS)	\$375
■	ET535/50m (EM)	\$325
■	ET632/60m (EM)	\$325
Total Price		\$1,300

**79005 - ET - BCECF**

FILTER SET PARTS		PRICE
■	ET436/20x (EX)	\$325
■	ET495/10x (EX)	\$325
■	T510lpxru (BS)	\$300
■	ET540/40m (EM)	\$375
Total Price		\$1,250

**79002 - ET - Fura 2/BCECF**

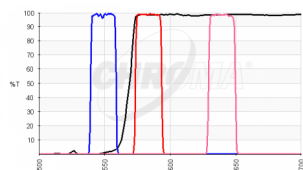
FILTER SET PARTS		PRICE
■	ET340x (EX)	\$325
■	ET380x (EX)	\$325
■	ET436/20x (EX)	\$325
■	ET495/10x (EX)	\$325
■	T510lpxru (BS)	\$300
■	ET560/80m (EM)	\$375
Total Price		\$1,800



79009 - ET - SNARF with 500nm excitation

This filter set is intended for dual-emission ratiometric measurements of the SNARF family of pH indicators when excited with light in the 490-510nm wavelength range.

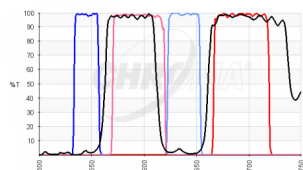
FILTER SET PARTS		PRICE
■	ET500/20x (EX)	\$325
■	T570lpxr (BS)	\$225
■	ET585/20m (EM)	\$325
■	ET640/20m (EM)	\$325
Total Price		\$1,100



79010 - ET - SNARF with 550nm excitation

This filter set is intended for dual-emission ratiometric measurements of the SNARF family of pH indicators when excited with light in the 540-560nm wavelength range.

FILTER SET PARTS		PRICE
■	ET550/20x (EX)	\$325
■	T570lpxr (BS)	\$225
■	ET585/20m (EM)	\$325
■	ET640/20m (EM)	\$325
Total Price		\$1,100



89022 - ET - Cy3/Cy5

FILTER SET PARTS		PRICE
■	ET545/25x (EX)	\$325
■	ET640/30x (EX)	\$325
■	S9007bs (BS)	\$325
■	ET595/50m (EM)	\$325
■	ET690/50m (EM)	\$325
Total Price		\$1,300

FILTER ACCESSORIES / CUBES, SLIDERS AND RINGS

Cubes, Sliders and Rings



91000 - 18mm Nikon Microscopes (Diaphot, TMD)

**Recommend installation at Chroma to ensure proper gluing and alignment.

Total Price \$150



91001 - Nikon Eclipse/Quadfluor

This metal cube is also compatible with Nikon's E400, E600, E800 and E1000 upright microscopes, as well as the TE200 and TE300 inverted Eclipse microscopes. Please note that this Eclipse/Quadfluor cube is NOT intended for use in Nikon's Eclipse TE2000 or TI2000 microscopes and should not be confused with the 91020 cube. Users should also note that early versions of Diaphot microscopes used our 91000 (18mm) cubes, but many have been converted in order to be consistent with all later Diaphot models, which use this 91001 cube. Please contact your Nikon dealer to purchase this cube empty, or mounted with the following Chroma filter sets: 19000, 19001, 19002, 19004, 19012, 39000, 39001, 39002, 39003, 39004, 39005, 39007, 39010, 31021, 49028, 59001, 59004, 59022, 69000, 69002
**Recommend installation at Chroma to ensure proper gluing and alignment.

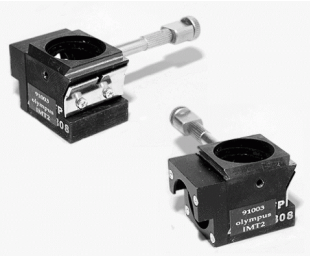
Total Price \$398



91002 - Olympus BH2

**Recommend installation at Chroma to ensure proper gluing and alignment.

Total Price \$275



91003 - Olympus IMT2 Filter Cube

**Recommend installation at Chroma to ensure proper gluing and alignment.

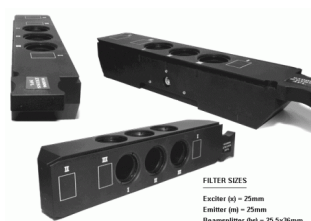
Total Price \$250

91004 - Leica Ploempak**Total Price****\$350**

****Recommend installation at Chroma to ensure proper gluing and alignment. However, Chroma can only align Ploem cubes with 3 screws. Those with 4 screws must be sent to Leica.**

**91005 - Leica Aristoplan Filter Cube****Total Price****\$400**

****Recommend installation at Chroma to ensure proper gluing and alignment.**

**91006 - Zeiss Axioline 3FL Slider****Total Price****\$800****91007 - Leica DM Filter Cube****Total Price****\$350**

****Recommend installation at Chroma to ensure proper gluing and alignment.**





91009 - Leica DMIRB Filter Cube
 **Recommend installation at Chroma to ensure proper gluing and alignment.

Total Price **\$350**



91011 - Zeiss Axioline 4FL Slider

Total Price **\$1,100**



91012 - Zeiss Axioline 5FL Slider

Total Price **\$1,200**



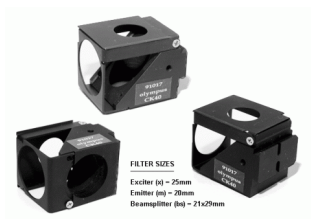
91013 - Zeiss Axioline 6FL Slider

Total Price **\$1,500**



91015 - Zeiss Axio screws into turret

Total Price **\$275**

**91017 - Olympus CK40**

****Recommend installation at Chroma to ensure proper gluing.**

Total Price**\$400****91018 - BX2 filter cube (U-MF2) For Olympus BX2 and IX2 models**

Models include BX41, BX51, BX61, IX51, IX71, and IX81

Total Price**\$441****91019 - Nikon filter cube for SMZ800 & SMZ1500 Stereo Microscope with 18mm filters**

****Recommend installation at Chroma to ensure proper gluing.**

Total Price**\$893****91020 - Nikon TE2000/Ti**

This plastic cube is also made for use in several of the 50i, 80i and 90i upright microscopes. Please note that this cube is intended for the Eclipse TE/Ti microscopes and should NOT be confused with Chroma's 91001 Eclipse/Quafluor cube. Please contact your Nikon dealer to purchase this cube empty, or mounted with the following Chroma filter sets: 19000, 19001, 19002, 19004, 19012, 39000, 39001, 39002, 39003, 39004, 39005, 39007, 39010, 49000, 49001, 49002, 49003, 49005, 49006, 49007, 49008, 49028, 59001, 59004, 59022, 69000, 69002

Total Price**\$398****91022 - Olympus SZX RFL3 emission holder****Total Price****\$220**

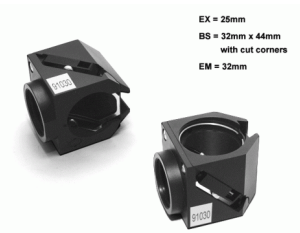
**91023 - Olympus SZX RFL3 excitation holder****Total Price****\$130****91024 - Leica DM 2500, 3000, 4000, 5000, 6000**

****Recommend installation at Chroma to ensure proper gluing and alignment.**

Total Price**\$350****91026 - Nikon prism-to-dichroic conversion mount**

This is not a holder for standard fluorescence filters. This is a custom modification to take the place of the bottom prism position in the TE2000. Note that the manufacturers warn that removing the original prism may void warranty.

Total Price**\$500****91027 - Zeiss Axio inverted 2F****Total Price****\$812****91029 - Zeiss Axio Imager with tilted emission filter (push & click)****Total Price****\$239**



EX = 25mm
BS = 32mm x 44mm
with cut corners
EM = 32mm

91030 - Olympus XL

This cube requires larger filters - please call for pricing.

Total Price**\$393****FILTER SIZES**

Exciter (x) = 25mm
Emitter (m) = 25mm
Beamsplitter (bs) = 38x26mm

91032 - Laser TIRF for Nikon TE2000/Ti

Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum.

Total Price**\$550****91033 - Nikon Excitation Filter Ring 18mm (for 91000 cube)****Total Price****\$20****91034 - Nikon Emission Filter Ring 18mm (for 91000 cube)****Total Price****\$20****91035 - Nikon Excitation Filter Ring 25mm (for 91001 cube)****Total Price****\$20**



91036 - Nikon Emission Filter Ring 25mm (for 91001 cube)

Total Price

\$20



91037 - Zeiss Axio Filter Retaining Ring 25mm (for all cubes and sliders)

Total Price

\$20



FILTER SIZES

Exciter (x) = 25mm
Emitter (m) = 25 mm
Beamsplitter (bs) = 26x38x1

91038 - BX3/IX3 filter cube (U-FF, U-M710) For Olympus BX3 and IX3 models for 25mm filters

This cube is designed to be assembled and/or disassembled without the need for tools. Models include BX43, BX53 and BX63 upright microscopes and IX73 and IX83 inverted microscopes.

Total Price

\$441



FILTER SIZES

EX 20mm
EM 20mm
BS 21x29x1mm

91040 - Olympus U-M1000 for CX41

Total Price

\$728



FILTER SIZES

EX 25mm
EM 25mm
BS 26x38x2mm

91041 - Laser TIRF for Olympus BX2 models

Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum. Microscope models include IX71 and IX81.

Total Price

\$675



FILTER SIZES
Exciter (x) = 25mm
Emitter (m) = 25mm
Beamsplitter (bs) = 25.5x36x2mm

91042 - Zeiss Axio TIRF*

Not Adjustable. Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 2mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. **Not a standalone product. Sold with dichroic mirror installed at minimum.

Total Price

\$425



FILTER SIZES
Exciter (x) = 30mm
Emitter (m) = 30mm
Beamsplitter (bs) = 32x44x1mm

91043 - IX3-FFXL filter cube (U-M101) for Olympus IX3 models for 32mm filters

Large filter cube for IX3 models to accommodate larger coverage area of newer cameras. Models include IX73 and IX83 inverted microscopes.

Total Price

\$588



FILTER SIZES
Exciter (x) = 25mm
Emitter (m) = 25mm
Beamsplitter (bs) = 25x38mm
Max. thickness = 3mm

91044 - Laser TIRF for Olympus BX3/IX3 models, for 25mm filters

Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum. Models include IX73 and IX83.

Total Price

\$675



FILTER SIZES
Exciter (x) = 25mm
Emitter (m) = 25mm (2 per set)
Beamsplitter (bs) = 25.5x30x1mm

91046 - Nikon P2-EFLC filter cube for SMZ18 & SMZ25 Stereo Microscope with 25mm filters

Filter cube for the newer large stereo microscope models introduced in 2013. **Recommend installation at Chroma to ensure proper gluing.

Total Price

\$600



91049 - Nikon P-EFLC filter cube for SMZ800n & SMZ1270 Stereo Microscope with 18mm filters

Filter cube for the smaller stereo microscope models introduced in 2014. **Recommend installation at Chroma to ensure proper gluing.

Total Price

\$326



91050 - Leica DMi8 standard filter cube, for 25mm filters. Fits 1mm-thick dichroics.

Filter cube for new (2015) Leica DMi8 microscope models. These cubes hold the new larger size dichroics (similar to other manufacturers) with standard 1mm thickness and 25mm excitation and emission filters. Contains a programmable chip to identify the filter set. Chroma will program the filter set number onto the chip when mounting filters in cube.

Total Price

\$450



91051 - Leica DMi8 filter cube, for 25mm filters. Fits dichroics up to 3mm thick.

Filter cube for new (2015) Leica DMi8 microscope models. These cubes hold the new larger size dichroics (similar to other manufacturers) up to 3mm thick, with 25mm excitation and emission filters. Contains a programmable chip to identify the filter set. Chroma will program the filter set number onto the chip when mounting filters in cube.

Total Price

\$450

FILTER ACCESSORIES / DIAGNOSTIC SLIDES

Diagnostic Slides



92001 - Autofluorescent Plastic Slides

These are intended to determine the consistency and evenness of illumination of excitation light on a fluorescent sample. However, we cannot make any guarantees about the substances these slides are manufactured with, nor what their emission properties are. Because we do not alter or dictate the materials used in their construction, we are unable to support them in any fashion beyond making them available. They can also be obtained at the many trade shows and conferences we attend.

Total Price	\$20
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