

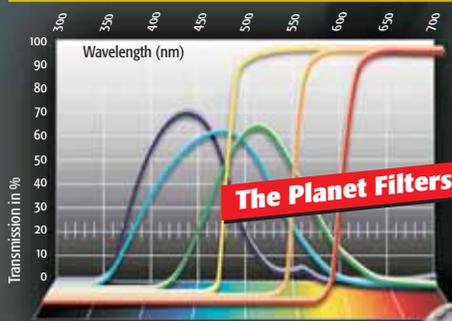
Professional Filters



at Amateur-Prices

Durable Dielectric Coatings for a Lifetime of Service. Plane-parallel polished Substrates for the Highest Level of Optical Performance.

Baader Professional Color Filters / Set of 6



The Planet Filters

These color filters provide the highest levels of image brightness and freedom from scattered light, combined with uncompromising image sharpness at the high magnifications required to observe delicate planetary details.

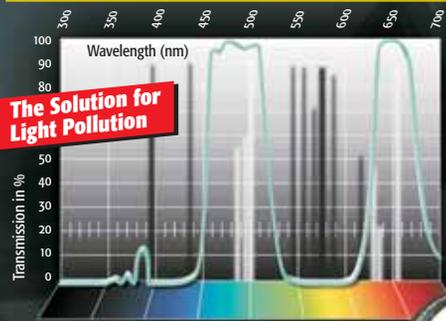
All surfaces are polished to exacting tolerances of flatness and parallelism to far surpass the performance of the "flame-polished" substrates employed in typical economy filters. All surfaces feature 7-layer multi-coatings that reduce reflective losses to a mere 0.25%.

1 1/4" Professional Color Filters Set of 6 (Item.-No. 2458300)

1 1/4" Professional individual Color Filters available in:
Dark blue (435 nm, #2458302), Bright blue (470 nm, #2458303),
Green (500 nm, #2458304), Yellow (495 nm, #2458301),
Orange (570 nm, #2458306), Red (610 nm, #2458307)



Baader UHC-S High-Transmission Nebula Filter – emphasizing the true stellar colors



The Solution for Light Pollution

A new generation of light pollution rejection/nebula filter. Our unique "golden mean" design transmits sufficient light for even small aperture telescopes while preserving the high contrast of traditional UHC ("Ultra High Contrast") filters.

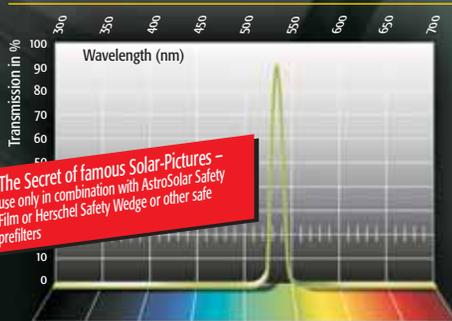
Exactly tailored to block off all of the common streetlight emissions. The sensible alternative to all previous generations of Deep Sky and UHC filters both visually and photographically.

Even a one-hour bath in boiling water won't degrade these filters! All are absolutely scratch-proof and can be subjected to frequent cleaning without worry.

Baader UHC-S-Nebula Filter 1 1/4" (Item.-No. 2458275)
Baader UHC-S-Nebula Filter 2" (Item.-No. 2458276)



Baader Solar Continuum Filter (540 nm) – long the secret tool of professional solar astronomers



The Secret of famous Solar-Pictures – use only in combination with AstroSolar Safety Film or Herschel Safety Wedge or other safe prefilters

Unsurpassed contrast of photospheric details is achieved by an extremely narrow half bandwidth of only 8 nm. Functions like a monochromator, suppressing the effects of atmospheric turbulence to provide images that appear markedly more stable.

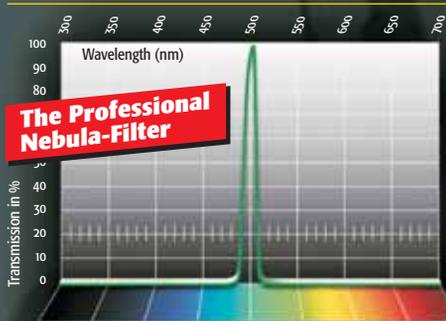
Focus "Sweet Spot Generator" – completely eliminates the usual focusing guesswork – the image snaps to a razor sharp focus at the exact focal position.

Image the sun the way professionals do!

Baader Solar Continuum Filter 540 nm 1 1/4" (Item.-No. 2458390)
Baader Solar Continuum Filter 2" (Item.-No. 2458391)
Baader AstroSolar® Safety Film A4 (Item.-No. 2459281)



Baader Narrowband O-III Filter



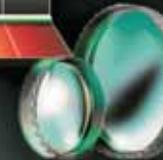
The Professional Nebula-Filter

The non plus ultra for visual deep-sky observers, offering the highest performance of all nebula filters, especially under extremely light-polluted skies.

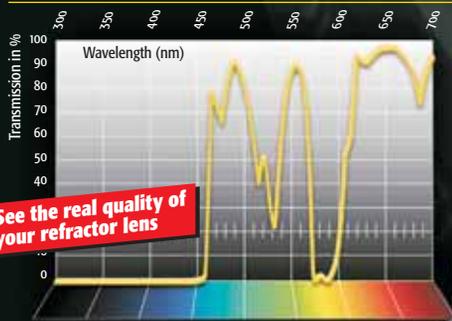
Among the narrowest transmission band O-III filters on the market, ideally suited for CCD imaging thanks to its unsurpassed contrast. No image degradation is perceptible even at the highest magnifications. Features the same ultra-hard, extremely durable vacuum-deposited dielectric coatings employed on the UHC-S filter.

The Baader O-III Filter effectively blocks the entire visual spectrum with the exception of the O-III transmission line, eliminating the annoying colored halos surrounding stars that often appear through O-III filters manufactured by means of less sophisticated coating technology.

Baader Narrowband O III Filter 1 1/4" (Item.-No. 2458395)
Baader Narrowband O III Filter 2" (Item.-No. 2458396)



Baader Contrast-Booster



See the real quality of your refractor lens

The ultimate contrast filter for all refractive optical systems.

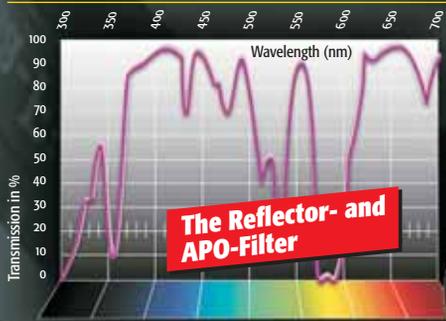
Eliminates the color error of inexpensive achromatic doublet objectives to provide the highest level of definition while correcting color balance. Surface details on the Moon and planets stand out boldly.

You haven't really seen Jupiter's Great Red Spot through your achromatic refractor until you've used this filter.

Baader Contrast-Booster 1 1/4" (Item.-No. 2458360)
Baader Contrast-Booster 2" (Item.-No. 2458365)



Baader Neodymium ("Moon & Skyglow") Filter



The Reflector- and APO-Filter

The Super Contrast Filter for all REFLECTOR and APO-TELESCOPES.

Originally developed by Schott / Zeiss in Jena and marketed for a decade with great success as "Moon & Skyglow" Filter.

Our customers named it an RGB enhancing filter, actually increasing the apparent saturation of delicate hues.

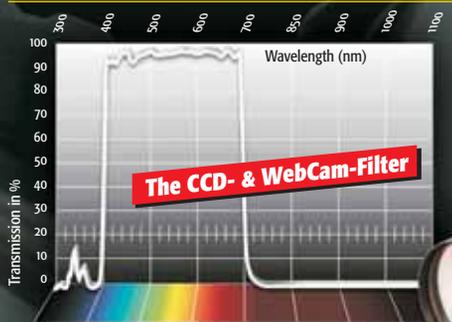
The latest production run achieves an astonishing 95% transmission by means of scratchproof 7-layer multicoatings on both surfaces of the polished, plane-parallel substrate.

You haven't really seen Jupiter's Great Red Spot through your reflector until you've used this filter.

Baader Neodymium-Filter 1 1/4" (Item.-No. 2458305)
Baader Neodymium-Filter 2" (Item.-No. 2458334)



Baader UV-IR Rejection Filter – an absolute must for CCD and Webcam Imaging



The CCD- & WebCam-Filter

Corresponds to the L ("Luminance") filter in an RGB filter set. Provides pinpoint stellar images.

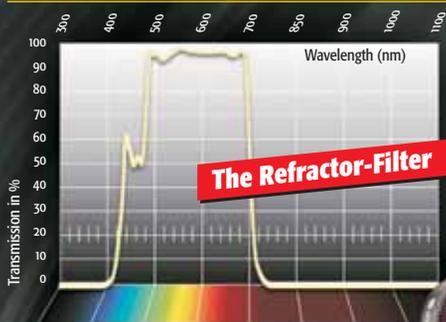
Reflects deleterious infrared rays without heating, while providing 98% transmission over the entire visual spectrum. The plane-parallel polished substrate allows this filter to be employed at large distances from the focal plane, notably in binocular viewers and for eyepiece projection.

Exciting possibilities in combination with other filters! For example, when combined with the Solar Continuum Filter, the entire accessible electromagnetic spectrum is blocked with the exception of a narrow region around 540 nm.

Baader UV/IR Rejection Filter 1 1/4" (Item.-No. 2459207)
Baader UV/IR Rejection Filter 2" (Item.-No. 2459210)



Baader Fringe-Killer Filter



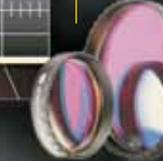
The Refractor-Filter

The REFRACTOR-FILTER for all visual observing and especially for CCD imaging.

Dramatically reduces the bluish and reddish "secondary spectrum" of achromatic refractors while minimally altering the color fidelity of the image. Blocks near-infrared wavelengths from 700 to 1150 nm for dramatically sharper stellar images in all refractors. Highest overall transmission, avoids the objectionable light loss introduced by many so-called "MV" (Minus-Violet) filters

Ideal in combination with other filters, notably the O-III filter if used for CCD-work.

Baader Fringe-Killer-Filter 1 1/4" (Item.-No. 2458370)
Baader Fringe-Killer-Filter 2" (Item.-No. 2458375)



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