

BAADER UV/IR-Blocking-Filter

– planeoptically polished –

The only infrared blocker in this price range featuring a planeoptically polished substrate, parallel to within 30 seconds of arc!
 New coating system, transmits from 420-680 nm (ACF-Design)!

In combination with the unique properties of the BAADER-Contrast-Booster™ the resulting spectral window eliminates all known effects of image deterioration – an absolute MUST for digital imaging.



Properties:

- Reflects destructive heat radiation!
- Protects your valuable solar observing equipment such as Coronado-Filters and the like from excessive heat-stress (i.e. from cooking the immersion liquid!)
- Stays cool and will not shatter if subjected to great thermal stress, intensive radiation is not absorbed – as with ordinary „heat protective Filters“. Energy is reflected due to an elaborate interference system of 44 dielectric coating layers.
- 98% Transmission average across the visible spectrum.
- Enables pinpoint star images with digital and CCD-equipment.
- Ultrahard and durable Ion-Beam UV- and IR-blocking coatings, may be cleaned any time without fear.
- Hard and absolutely scratch resistant 7-layer-multicoat featuring 0.3% residual reflection versus the regular 4.6% of an uncoated substrate.
- Freedom from ghost images due to highest quality Coatings.
- Planeoptically polished! Retains full image resolution even at highest magnification during solar observation or eyepiece projection.
- Available in 1½" and 2" size
- 2" Filter adapts onto any DSLR-lens with Baader 2" DSLR-Filter holder # 240 8166 and a whole family of Hyperion filter thread rings. Available Adapter and Stepper Rings range from 28 mm up to 82 mm.

- Full family of adapters to mount in (almost) any telescopes optical train – see "Astro T-2 System™"/Section 8 of Baader Pricelist
- Larger clear aperture than competing 1½" or 2" filter.
- Elaborate filter cell design, featuring a CNC-milled "crown" for ease of handling and attachment.

1½" BAADER UV/IR-Blocking-Filter

Item-No.: 245 9207 A

2" BAADER UV/IR-Blocking-Filter

Item-No.: 245 9210 A



*The best cleaning fluid
we have tested in 35 years
of service!*

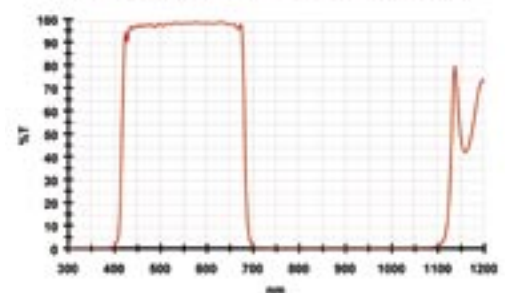
For best cleaning results we recommend:

OPTICAL WONDER™

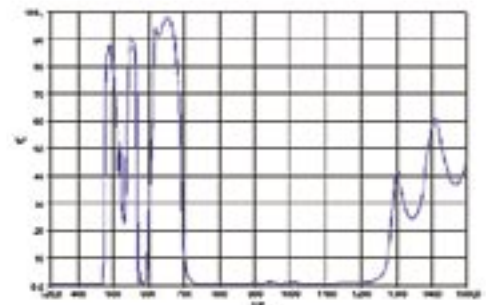
Fineoptical Cleaning Fluid
100 ml · Item-No.: 2905007

Super-Microfibre Cloth
10 x 10 inch · Item-No.: 2905000

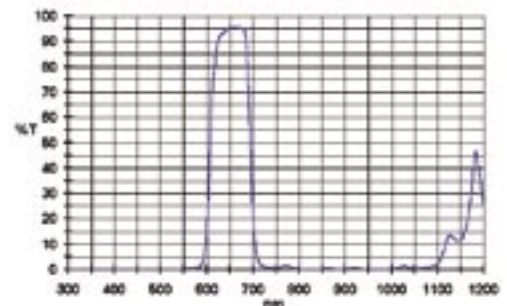
UV/IR-Sperrfilter ACF-Design (T= 420-680 nm)



Spectral trace BAADER UV/IR-Blocking Filter



Combined spectral trace BAADER UV/IR-Blocking Filter & Baader Contrast-Booster: forming an RGB-Intensifier



Spectral trace BAADER UV/IR-Blocking Filter & BAADER RG 610 Red Color Filter, working as H-α pass-filter