Solar energy rejection filter

The Altair Dichroic Solar Energy Rejection Filter or D-ERF protects your telescope and solar imaging equipment from excessive heat build-up when solar imaging or observing with your Daystar Hydrogen Alpha Quark, or other Hydrogen Alpha Etalon filters. Click here to see example images with Altair ERF Energy Rejection Filters (opens new window).

Filter may absorb solar energy and get hot during use. Use extra care when removing. ... Both the ERF (Energy Rejection Filter) and HAU (H-Alpha Unit) MUST be properly attached to telescope before pointing telescope at the sun. You cannot safely look at the sun with the ERF or HAU separately. Looking at the sun without proper filters can damage ...

Antlia energy rejection filter for solar observation and solar photography The filter is placed in front of the H-alpha attachment or calcium attachment. The filter reflects the heat radiation. When used in a refractor, the solar energy is already concentrated by the objective. We therefore recommend using the filter up to a maximum aperture of ...

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The Altair Dichroic Solar Energy Rejection Filter or D-ERF protects your telescope and solar imaging equipment from excessive heat build-up when solar imaging or observing with your Daystar Hydrogen Alpha Quark, or other ...

D-ERF Dielectric Energy Rejection Filter 160 mm (9.9 mm thick / Ø 159.6 mm ± 0.05 mm) D-ERF Pre-filter to reduce heat during H-alpha observation with SolarSpectrum Filters Plane-parallel plate (without filter cell) made of BK7 glass, both surfaces are fine-optically polished to lambda/10. IR-Cut dielectric coating Non-ageing sealed coating edges

Energy Rejection Filters reduce the heat load on your filter assembly by absorbing or reflecting UV and/or I light and transmitting light in the desired visual spectrum. These filters are sometimes Red or Yellow glass, or dielectric IR and UV, but pass light in the desired visual spectrum.

Solar energy rejection filter

The Antlia Dualband Solar Energy Rejection (ERF) Filter is designed by combining Hydrogen Alpha, Calcium K-Line and Calcium H-Line in one dualband filter. It is used in conjunction with the Antlia Solar Discover 3nm CaK, Solar, 5Å CaK or similar products to protect your solar imaging equipment from high temperatures and bandpass shifting by ...

Daystar Filters" 100mm-Aperture Energy Rejection Filter is designed for on-axis use with Refractor and Maksutov-style OTAs to reduce the heat load on your filter assembly by absorbing or reflecting UV and/or IR light while transmitting light in the desired spectrum. This ERF can be used with H-alpha, Sodium, and Helium D3 solar filters, but is incompatible with calcium ...

The Altair Dichroic Solar Energy Rejection Filter or D-ERF protects your telescope and solar imaging equipment from excessive heat build-up when solar imaging or observing with your Daystar Hydrogen Alpha Quark, or other Hydrogen Alpha Etalon filters. Now you can save money by combining Hydrogen Alpha, Calcium K-Line and Calcium H-Line in one ...

Baader D-ERF Energy Rejection Filter (75 - 180mm) D-ERF (Dielectric Energy Reflection Filter) in different sizes Pre-filter to reduce heat during H-alpha observation with SolarSpectrum Filters Plane parrallel plate (without filter cell) with IR-Cut dielectric coating non-ageing sealed coating edges Half-Band-Width (HBW

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Energy Rejection Filter. Lunt Energy Rejection Filters are diffraction limited with IR Cut, and are made for use in h-alpha solar filters. The ERF filters are unmounted, and are available in 40 mm, 50 mm, 75 mm, and 100 mm apertures.

Baader D-ERF Energy Rejection filters are intended for use only as a Pre-Filter for Solar Spectrum H-Alpha filters. The D-ERF filter must always be present and mounted ahead of the telescope objective. The filter should be oriented with the primary coated face towards the sun (an arrow mark on the rim of the filter points toward this side).

DayStar filter assemblies operate best at f/30 and slower. Creating f/30 configuration can be done easily with the proper ERF and/or barlow. Please email us for advice if unsure. IMPORTANT NOTE: ERF Energy Rejection filters are intended only for ...

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"Eyepiece" solar filter. Please read this manual before using the product. To use the filter, plug in the included power supply, then place the ... we recommend using an Energy Rejection Filter on telescopes of 80mm aperture or more, or when tracking the Sun for long periods. This can be a UV/IR cut filter mounted before the diagonal, or a

The Baader Energy Rejection Filters (D-ERF) allows H-alpha solar observation with the full-aperture resolving power of the telescope. They also dramatically reduce the thermal energy that goes through the telescope to the Solar Spectrum filter and also greatly reduces the thermally-induced seeing effects as well. ... DWDM-coating which delivers ...

Solar System Filter Wheel. Energy Rejection Filters. Energy Rejection Filters reduce the heat load on your filter assembly by absorbing or reflecting UV and/or I light and transmitting light in the desired visual spectrum. These filters are sometimes Red or Yellow glass, or dielectric IR and UV, but pass light in the desired visual spectrum. ...

Energy Rejection Filters reduce the heat load on your filter assembly by absorbing or reflecting UV and/or I light and transmitting light in the desired visual spectrum. These filters are sometimes Red or Yellow glass, or dielectric IR and UV, but pass light in the desired visual spectrum. ... All sales of solar gear are final, so please choose ...

Buy DayStar Filters 100mm-Aperture Energy Rejection Filter (130mm Cap Diameter) featuring For Use on Refractor and Maksutov OTAs, Reduces Heat Load on Filter Assembly, Absorbs or Reflects UV and/or IR Light, For H-alpha, ...

The DayStar Energy Rejection Filters come in handy when the observer needs to reduce heat load on the filters by absorbing UV wavelengths. These types of filters are usually known as dielectric IR and UV and also can be used as aperture masks to accomplish straight angles of light entering the filter.

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