

SOLAR BLIND FILTER: SB-BDF-T

SPECIFICATIONS

UV Transmission[♦]

λ_{peak}	264 ±1	nm
T_{peak}	15%±1	typ
Bandwidth (FWHM)	19 ±2	nm

Out of Band Transmission

290 nm	<10 ⁻⁴ %
300 nm	<10 ⁻⁹ %
305 – 750 nm	<1x10 ⁻¹⁰ %
750 – 1100 nm	<2x10 ⁻⁴ %

Mechanical & Environmental

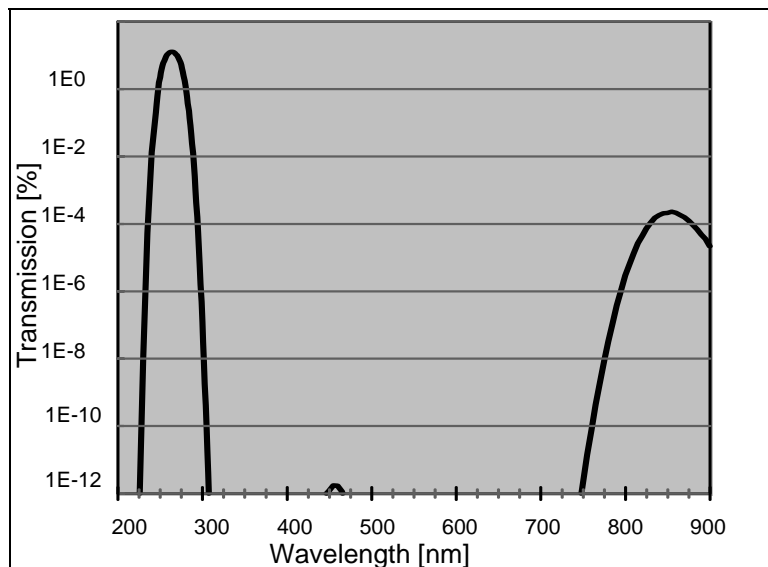
Housing	Anodized Aluminum
Surface Quality	80/50 F/F per MIL-F-48616
Maximum Storage and Operating Temperature	90°C



- Optimized for use with CsRbTe photocathode PMTs and ICCDs[♦].
- Blocks PMT exposure to direct sunlight to fewer than 10 photons per second.
- Spectral characteristics insensitive to the angle of incident light.

Dimensions

Part No.	Diameter	Clear Aperture	Thickness
SB-BDF-1-T	25.4 mm	20 mm	20mm
SB-BDF-2-T	50.8 mm	42 mm	20mm



[♦] Versions of this filter with enhanced peak transmission can be customized for use with intensified CCDs.



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