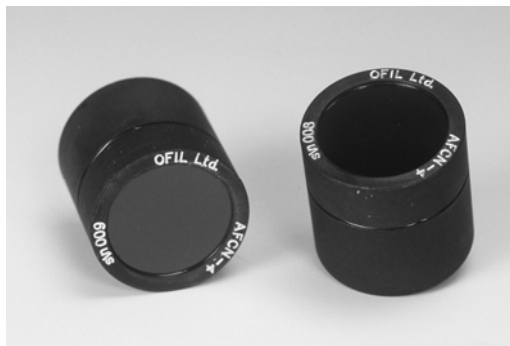


SOLAR BLIND FILTER: SB-AF



- Optimized for use with CsTe 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.

SPECIFICATIONS

UV Transmission[♦]

| | | |
|----------------------------|--------|-----|
| λ_{peak} | 256 ±1 | nm |
| T_{peak} | 10% | max |
| Bandwidth (FWHM) | 15 ±2 | nm |

Out of Band Transmission

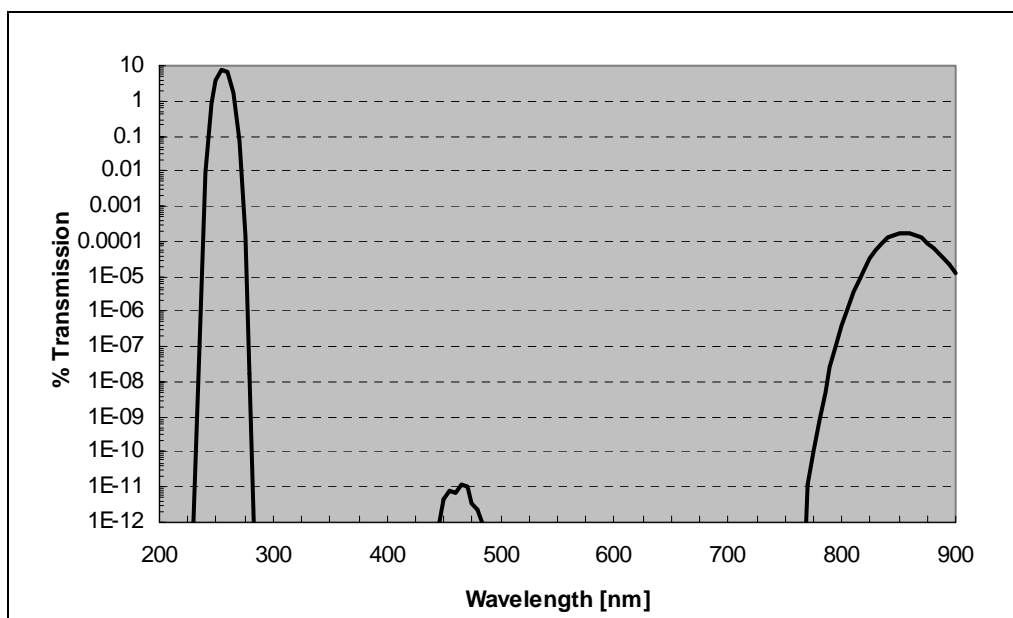
| | |
|---------------|-----------------------|
| 290 nm | <10 ⁻⁸ % |
| 300 – 770 nm | <10 ⁻¹⁰ % |
| 770 – 1100 nm | <2•10 ⁻⁴ % |

Mechanical & Environmental

| | |
|------------------------------|---------------------|
| Housing | Anodized Aluminum |
| Surface Quality | 80/50 |
| | F/F per MIL-F-48616 |
| Max Storage & Operating temp | 60°C |

Dimensions

| <u>Part No.</u> | <u>Diameter</u> | <u>Clear Aperture</u> | <u>Thickness</u> |
|-----------------|-----------------|-----------------------|------------------|
| SB-AF-1 | 25.4 mm | 20 mm | 20mm |
| SB-AF-2 | 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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