

500nm CWL, 12.5mm Dia., High Transmission Traditional Coated 20nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock **#71-628** **3 In Stock**

- 1 + MRP ₹9,645

Price inclusive of all taxes

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Volume Pricing

Qty 1+	₹9,645 each
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General

Bandpass Filter **Type:**

Physical & Mechanical Properties

12.50 +0/-0.25 **Diameter (mm):**

9.0 **Clear Aperture CA (mm):**

5.90 **Thickness (mm):**

Construction:

Mounted in Black Anodized Ring

Optical Properties**Center Wavelength CWL (nm):**

500.00

Center Wavelength CWL Tolerance (nm):

+2/-2

Full Width-Half Max FWHM (nm):

20.00

Full Width-Half Max FWHM Tolerance (nm):

±4

Minimum Transmission (%):

75

Coating:

Traditional Coated

Blocking Wavelength Range (nm):1x10⁻⁴ avg Xray to 800nm**Environmental & Durability Factors****Operating Temperature (°C):**

-50 to +70

Regulatory Compliance**RoHS 2015:****Compliant****Certificate of Conformance:**[View](#)**REACH 241:****Compliant****Country of Origin:**

United States

Imported By:Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000**Product Details**

- Passband Transmission up to 80%
- 441.6 to 1064nm Wavelength Options with 10, 20, and 40nm Bandwidths
- Ideal for Medical and Analytical Applications

High Transmission Traditional Coated Bandpass Filters are designed for situations where far-infrared blocking is not required, allowing for up to 80% transmission in the passband region and good blocking over the visible and NIR wavelength range. Featuring popular laser, mercury, biomedical, and analytical spectral lines, these filters cover a wide range of visible and NIR wavelengths. A hermetic seal and an anodized metal mount help maintain performance in high humidity environments and protect against chipping and scratching. High Transmission Traditional Coated Bandpass Filters are ideal for a range of scientific and medical applications such as spectral radiometry, medical diagnostics, chemical analysis, and Colorimetry. For applications requiring wider blocking ranges, [traditional coated bandpass filters](#) are available whereas applications requiring higher transmission above 90% are best served with [hard coated bandpass filters](#).