

950nm CWL, 50mm Dia., High Transmission Traditional Coated 40nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock **#71-770** **1 In Stock**

MRP ₹45,932

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1+	₹45,932 each
Need More?	Request Quote

Product Downloads

General

Bandpass Filter **Type:**

Physical & Mechanical Properties

50.00 +0/-0.25 **Diameter (mm):**

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

5.90 **Thickness (mm):**

Construction:

Mounted in Black Anodized Ring

Optical Properties**Center Wavelength CWL (nm):**
950.00**Center Wavelength CWL Tolerance (nm):**
+10/-0**Full Width-Half Max FWHM (nm):**
40.00**Full Width-Half Max FWHM Tolerance (nm):**
±8**Minimum Transmission (%):**
80**Coating:**
Traditional Coated**Blocking Wavelength Range (nm):**
1x10⁻⁴ avg. X-Ray to 1200nm**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](#).