

## 486.1nm CWL, 12.5mm Dia., High Transmission Traditional Coated 10nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock **#71-619** **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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### Product Downloads

### 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):**  
486.10**Center Wavelength CWL Tolerance (nm):**  
+2/-0**Full Width-Half Max FWHM (nm):**  
10.00**Full Width-Half Max FWHM Tolerance (nm):**  
±2**Minimum Transmission (%):**  
75**Coating:**  
Traditional Coated**Blocking Wavelength Range (nm):**  
1x10<sup>-4</sup> 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](#).