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# 766.5nm CWL, 12.5mm Dia., High Transmission Traditional Coated 10nm Bandpass Filter

High Transmission Traditional Coated Bandpass Filters

Stock **#71-714** **3 In Stock**

- 1 + **MRP** **₹9,645**

Price inclusive of all taxes

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## General

**Type:**

Bandpass Filter

## Physical & Mechanical Properties

**Diameter (mm):**

12.50 +0/-0.25

**Clear Aperture CA (mm):**

9.0

**Thickness (mm):**

5.90

**Construction:**
Mounted in Black Anodized Ring

## Optical Properties

**Center Wavelength CWL (nm):**
766.50

**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 (%):**
80

**Coating:**
Traditional Coated

**Blocking Wavelength Range (nm):**
$1x10^{-4}$ avg Xray 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**.

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