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632.8nm CWL, 50mm Dia.,High Transmission Traditional Coated 10nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

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MRP ₹45,932

 Price inclusive of all taxes

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Qty 1+	₹45,932 each
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General	
Bandpass Filter	Type:
Physical & Mechanical Properties	
50.00 +0/-0.25	Diameter (mm):
45.0	Clear Aperture CA (mm):
5.90	Thickness (mm):

Mounted in Black Anodized Ring		Construction:
Optical Properties		
632.80	Center Wavelength CWL (nm):	
+2/-0	Center Wavelength CWL Tolerance (nm):	
10.00	Full Width-Half Max FWHM (nm):	
±2	Full Width-Half Max FWHM Tolerance (nm):	
80	Minimum Transmission (%):	
Traditional Coated	Coating:	
Blocking Wavelength Range (nm): 1x10 ⁻⁴ avg Xray to 1000nm		
Environmental & Durability Factors		
-50 to +70	Operating Temperature (°C):	
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	
Compliant	REACH 241:	
United States	Country of Origin:	
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](#).