

450nm CWL, 50mm Dia.,High Transmission Traditional Coated 20nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock **#71-612** 1 In Stock

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1

+

€550⁰⁰

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Volume Pricing	
Qty 1-10	€550,00 each
Qty 11-25	€467,50 each
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ⓘ Prices shown are exclusive of VAT/local taxes

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):
Mounted in Black Anodized Ring	Construction:
Optical Properties	
450.00	Center Wavelength CWL (nm):
+2/-2	Center Wavelength CWL Tolerance (nm):
20.00	Full Width-Half Max FWHM (nm):
±4	Full Width-Half Max FWHM Tolerance (nm):
75	Minimum Transmission (%):
Traditional Coated	Coating:
1x10 ⁻⁴ avg Xray to 800nm	Blocking Wavelength Range (nm):
Environmental & Durability Factors	
-50 to +70	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

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](#).