

800nm CWL, 50mm Dia.,High Transmission Traditional Coated 20nm Bandpass Filter



High Transmission Traditional Coated Bandpass Filters

Stock **#71-728** **1 In Stock**

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1

+

A\$880⁰⁰

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Volume Pricing	
Qty 1-10	A\$880.00 each
Qty 11-25	A\$748.00 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):
	Thickness (mm):

5.90	
	Construction:
Mounted in Black Anodized Ring	
Optical Properties	
	Center Wavelength CWL (nm):
800.00	
	Center Wavelength CWL Tolerance (nm):
+2/-2	
	Full Width-Half Max FWHM (nm):
20.00	
	Full Width-Half Max FWHM Tolerance (nm):
±4	
	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	

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](#).