

SWIR M40.5 x 0.50 Mounted Machine Vision Filter



Mounted Machine Vision Filters

Stock **#28-802** **1 In Stock**

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1

+

C\$575⁴⁰

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Volume Pricing	
Qty 1+	C\$575.40 each
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General	
Mounted Bandpass Filter	Type:
Physical & Mechanical Properties	
35.5	Clear Aperture CA (mm):
Mounted in Black Anodized Ring	Construction:
42.5	Outer Diameter (mm):

Optical Properties	
Blocking Wavelength Range (nm):	750-840, 1200-1800
Color:	SWIR
Center Wavelength CWL (nm):	1,000.00
Full Width-Half Max FWHM (nm):	150.00
Minimum Transmission (%):	≥80
Threading & Mounting	
Filter Thread:	M40.5 x0.50
Mount Thickness (mm):	5.2
Mount Thickness Including Threads (mm):	7
Regulatory Compliance	
Certificate of Conformance:	View
Reach 242:	Compliant

Product Details

- Optimized for Use with Popular LEDs
 - Multiple Mounting Sizes and Threads Available to Ease System Compatibility
 - ≥85% Transmission
 - [TECHSPEC® High Performance Mounted Machine Vision Filters](#) and [Mounted Color Filters](#) Also Available
- Mounted Machine Vision Filters are ideal for machine vision and industrial imaging applications. These mounted filters feature a wide range of common machine vision threads from M22 up to M105. Available in UV, VIS, and NIR wavelengths, these hard-coated filters provide exceptional transmission and out-of-band blocking. Mounted Machine Vision Filters are designed with a Gaussian transmission curve. When used with a broadband light source, Mounted Machine Vision Filters achieve the output profile of common LED wavelengths. While compatible with many types of imaging lenses, these filters are ideal for wide fields of view due to their low angular dependency.