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SWIR M40.5 x 0.50 Mounted Machine Vision Filter

Mounted Machine Vision Filters

Stock **#28-791** **1 In Stock**

- 1 + **MRP ₹23,306**

Price inclusive of all taxes

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Qty 1+	**₹23,306** each
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General

Type:
Mounted Bandpass Filter

Physical & Mechanical Properties

Clear Aperture CA (mm):
35.5

Construction:
Mounted in Black Anodized Ring

Outer Diameter (mm):
42.5

Optical Properties

Blocking Wavelength Range (nm):
350-900, 1000-1100

Color:
SWIR

Center Wavelength CWL (nm):
940.00

Full Width-Half Max FWHM (nm):
55.00

Minimum Transmission (%):
≥90

Threading & Mounting

Filter Thread:
M40.5 x 0.50

Mount Thickness (mm):
5.2

Mount Thickness Including Threads (mm):
7

Regulatory Compliance

Certificate of Conformance:
View

Reach 242:
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

- 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.

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