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SWIR M40.5 x 0.50

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Mounted Machine Vision Filters

1

€532⁰⁰

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Volume Pricing	
Qty	€532,00
1+	each
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Product Downloads

[EO Spec Sheet](#)

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): 900-1430, 2210-2300

Color: SWIR

Center Wavelength CWL (nm): 1,550.00

Full Width-Half Max FWHM (nm): 190.00

Minimum Transmission (%): ≥88

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](#)

Product Details

- Optimized for Use with Popular LEDs
- Multiple Mounting Sizes and Threads Available
- $\geq 85\%$ Transmission
- **TECHSPEC® High Performance Mounted Machine Vision Filters**

Mounted Machine Vision Filters are ideal for machine vision applications. Available in UV, VIS, and NIR wavelengths. They are designed with a Gaussian transmission curve. While they are 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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of common machine vision threads from M22 up to M105. Available in UV, VIS, and NIR wavelengths. They are designed with a Gaussian transmission curve. While they are 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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