

Dual Bandpass VIS-940nm NIR filter M25.5



Stock #74-583 NEW 1 In Stock

⊖ 1 ⊕ C\$177⁰⁰

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Volume Pricing

Qty 1+	C\$177.80 each
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Full Width-Half Max FWHM Range (nm):
250nm, 50nm ±20 nm VIS, ±10 nm NIR

General

Dual Bandpass Mounted Imaging Filter **Type:**

DB940-25.5 **Model Number:**

Physical & Mechanical Properties

27.5 **Outer Diameter (mm):**

Substrate Thickness (mm):

1mm

Optical Properties

Color: VIS-940nm-NIR

Surface Quality: 40/20

Transmission (%): $\geq 90\%$

Transmission Wavelength (nm): 405-650nm, 925-965nm

Threading & Mounting

Filter Thread: M25.5 x 0.50

Mount Thickness (mm): 5.2

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- Block and Transmit Desired Key VIS and NIR Spectral Bands with One Filter
- Remove The Need for Dual Sensor Setups
- Anti-Reflection Coating for Durability and Performance
- Various Mounting Thread Options Available

Multi-Band Machine Vision Bandpass Filters feature both double or triple bandpass options in one filter, allowing for greater flexibility in system design. These filters are designed with up to $\geq 90\%$ transmission in the visible (VIS) or near-infrared (NIR) spectra with various wavelength range combinations available. Additionally, these filters are AR coated for optimal transmission and feature a hard-coated, single-substrate design with superior surface quality to maximize optical performance. Multi-Band Machine Vision Bandpass Filters ensure accurate color reproduction by blocking unwanted wavelengths, eliminating the need for dual-sensor imaging. These filters are ideal for surveillance applications such as, security and intelligent traffic management, as well as normalized difference vegetation index (NDVI) imaging applications.

Note: Other filter threads are available upon request.