

## Dual Bandpass VIS-940nm NIR filter M25.5



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₹9,483

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### SPECIFICATIONS

General

Type:

Dual Bandpass Mounted Imaging Filter

Model Number:

DB940-25.5

Full Width-Half Max FWHM Range (nm):

250nm, 50nm ±20 nm VIS, ±10 nm NIR

| Physical & Mechanical Properties |                               |
|----------------------------------|-------------------------------|
| 27.5                             | Outer Diameter (mm):          |
| 1mm                              | Substrate Thickness (mm):     |
| Optical Properties               |                               |
| MS-940nm-NIR                     | Color:                        |
| 40/20                            | Surface Quality:              |
| ≥90%                             | Transmission (%):             |
| 405-650nm, 925-965nm             | Transmission Wavelength (nm): |
| Threading & Mounting             |                               |
| M25.5 x 0.50                     | Filter Thread:                |
| 5.2                              | Mount Thickness (mm):         |
| Regulatory Compliance            |                               |
| <a href="#">View</a>             | Certificate of Conformance:   |

## 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 ≥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.