

## Dual Bandpass VIS-940nm NIR filter M30.5



Stock #74-584 NEW 1 In Stock

A\$217<sup>00</sup>

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### Volume Pricing

Qty 1+	A\$217.60 each
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### Product Downloads

**Full Width-Half Max FWHM Range (nm):**  
250nm, 50nm ±20 nm VIS, ±10 nm NIR

### General

Dual Bandpass Mounted Imaging Filter **Type:**

DB940-30.5 **Model Number:**

### Physical & Mechanical Properties

32.5 **Outer Diameter (mm):**

**Substrate Thickness (mm):**

1mm

## Optical Properties

VIS-940nm-NIR

Color:

40/20

Surface Quality:

≥90%

Transmission (%):

405-650nm, 925-965nm

Transmission Wavelength (nm):

## Threading & Mounting

M30.5 x 0.50

Filter Thread:

5.2

Mount Thickness (mm):

## Regulatory Compliance

[View](#)

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.