

Dual Bandpass VIS-NIR filter M37



Stock #74-536 **NEW** 1 In Stock

1 **S\$222^{.60}**

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Full Width-Half Max FWHM Range (nm): 110nm, 375nm ±10 nm

General

Type: Dual Bandpass Mounted Imaging Filter

Model Number: DB395/870-37

Physical & Mechanical Properties

Outer Diameter (mm): 39

Substrate Thickness (mm): 2mm

Optical Properties

Coating: AR

Color: VIS-NIR

Surface Quality: 40/20

Transmission (%): ≥90%

Transmission Wavelength (nm): 375-425nm, 745-970nm

Threading & Mounting

Filter Thread: M37 x 0.75

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.

Related Products



C-Mount Camera Imaging Filters



Mounted Machine Vision Filters



Slip Mount Machine Vision Filters



Mounted Machine Vision Glass Linear Polarizers

Frequently Purchased Together



#55-237 - 20mm Square IR Cut-Off Filter
S\$66.50

 

#74-577 - Dual Bandpass VIS-850nm NIR filter M37
S\$222.60

 

#74-578 - Dual Bandpass VIS-940nm NIR filter M22.5
S\$177.80