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Dual Bandpass Red-NIR Filter M37



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1

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A\$486^{.40}

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Full Width-Half Max FWHM Range (nm):
40nm, 50nm ±5 nm

General

Type:

Dual Bandpass Mounted Imaging Filter

Model Number:

DB660/850-37

Physical & Mechanical Properties

Outer Diameter (mm):

39

Substrate Thickness (mm):

2mm	
Optical Properties	
Red-NIR	Color:
40/20	Surface Quality:
≥90%	Transmission (%):
645-675nm, 830-870nm	Transmission Wavelength (nm):
Threading & Mounting	
M37 x0.75	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.