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## Dual Bandpass VIS-850nm NIR filter M30.5



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-

1

+

£108<sup>.80</sup>

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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:         |
| DB850-30.5                           | Model Number: |

| Physical & Mechanical Properties |                      |
|----------------------------------|----------------------|
| 32.5                             | Outer Diameter (mm): |

|                       |                               |
|-----------------------|-------------------------------|
| 2mm                   | Substrate Thickness (mm):     |
| Optical Properties    |                               |
| VIS-850nm-NIR         | Color:                        |
| 40/20                 | Surface Quality:              |
| ≥90%                  | Transmission (%):             |
| 404-645nm, 835-875nm  | Transmission Wavelength (nm): |
| Threading & Mounting  |                               |
| M30.5 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.