

Dual Bandpass Green-NIR Filter M22.5



Stock #74-544 NEW **1 In Stock**

⊖ 1 ⊕ £192⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	£192.80 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

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

General

Type:
Dual Bandpass Mounted Imaging Filter

Model Number:
DB550/850-22.5

Physical & Mechanical Properties

Outer Diameter (mm):
24

Substrate Thickness (mm):
2mm

Optical Properties

Color:
Green-NIR

Surface Quality:
40/20

Transmission (%):
≥85%

Transmission Wavelength (nm):
535-565nm, 830-870nm

Threading & Mounting

Filter Thread:
M22.5 x 0.50

Mount Thickness (mm):
5.2

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- Block and Transmit Desired Key MS 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 (MS) 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.