

## Triple Bandpass Blue-Green-NIR Filter M25.5



Stock #74-591 NEW **1 In Stock**

MRP ₹38,440

Price inclusive of all taxes

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | ₹38,440 each                  |
| Need More?     | <a href="#">Request Quote</a> |

### Product Downloads

**Full Width-Half Max FWHM Range (nm):**  
20nm, 20nm, 45nm ±10 nm

### General

**Type:**  
Triple Bandpass Mounted Imaging Filter

**Model Number:**  
TB475/550/850-25.5

### Physical & Mechanical Properties

**Outer Diameter (mm):**  
27.5

Substrate Thickness (mm):  
2mm

## Optical Properties

Color:  
Blue-Green-NIR

Surface Quality:  
40/20

Transmission (%):  
≥85%

Transmission Wavelength (nm):  
468-483nm, 543-558nm, 835-865nm

## Threading & Mounting

Filter Thread:  
M25.5 x 0.50

Mount Thickness (mm):  
5.2

## Regulatory Compliance

Certificate of Conformance:  
[View](#)

Country of Origin:  
United States

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.