

[« See all 15 Products in Family](#)

[All Products](#) / [Optics](#) / [Optical Filters](#) / [Machine Vision Filters](#)
[/ Machine Vision Mounted Color Filters](#) / [Slip Mount Machine Vision Filters](#)

Orange Slip Mount Bandpass Filter



Slip Mount Machine Vision Filters



Stock #70-540 **5 In Stock**


1 A\$211^{.20}

ADD TO CART

Volume Pricing	
Qty 1-9	A\$211.20 each
Qty 10+	A\$200.00 each
Need More?	Request Quote

Product Downloads

 [Curve:pdf](#)  [EO Spec Sheet](#)

 [Download All](#)

General

Type: Orange Bandpass Filter

Note: Includes Locking Set Screws and Wrench

Physical & Mechanical Properties

Clear Aperture CA (mm): 13.00

Inner Diameter (mm): 14.00

Outer Diameter (mm): 16.80

Construction: Mounted in Black Anodized Ring

Substrate Thickness (mm): 2.00

Optical Properties

Center Wavelength CWL (nm): 590.00

Full Width-Half Max FWHM (nm): 70.00

Minimum Transmission (%): ≥90

Coating: Hard Coated

Color: Orange

Transmission Wavelength (nm): 560 - 600

Blocking Wavelength Range (nm): 350 - 530 , 650 - 1020

Threading & Mounting

Mount Thickness (mm): 7.8

Regulatory Compliance

Product Details

- Designed for Filter Threadless Imaging Lenses
- Available in UV, VIS, NIR, and SWIR Wavelengths
- $\geq 80\%$ Transmission

Slip Mount Machine Vision Filters are ideal for use with varifocal lenses, wide-angle lenses, and lenses lacking filter threads. These filters are designed to fit securely over varifocal and wide angle lenses as they often do not come with filter threads due to the presence of a protruding convex lens element. Their low-profile and oversized diameter prevent wide-angle lens vignetting, and the inclusion of locking set screws and a wrench ensures secure attachment to the lens. Slip Mount Machine Vision Filters feature a 14mm inner diameter and are also compatible with M12 imaging lenses. These filters are designed with a Gaussian transmission curve and can achieve the output profile of common LED wavelengths when using a broadband light source.

Related Products



Blue Series M12 Lenses



Red Series M12 Lenses



Green Series M12 Lenses



HEO Series M12 Lenses