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Near-IR Slip Mount Bandpass Filter

Slip Mount Machine Vision Filters

Stock **#70-543** **2 In Stock**

- 1 + **£96**.80

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Volume Pricing	
Qty 1-9	**£96.80** each
Qty 10+	**£92.00** each
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Product Downloads

General

Type:
Near-IR 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):
800.00

Full Width-Half Max FWHM (nm):
315.00

Minimum Transmission (%):
≥90

Coating:
Hard Coated

Color:
NIR-IR

Transmission Wavelength (nm):
745 - 950

Blocking Wavelength Range (nm):
350 - 690

Threading & Mounting

Mount Thickness (mm):
7.8

Regulatory Compliance

Certificate of Conformance:
View

Reach 242:
Compliant

Product Details

- Designed for Filter Threadless Imaging Lenses
- Available in UV, VIS, NIR, and SWIR Wavelengths
- ≥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 angles 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.

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