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## SWIR 1550nm Slip Mount Bandpass Filter



Slip Mount Machine Vision Filters

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### Product Downloads

### General

SWIR Bandpass Filter **Type:**

Includes Locking Set Screws and Wrench **Note:**

### Physical & Mechanical Properties

13.00 **Clear Aperture CA (mm):**

**Inner Diameter (mm):**

14.00

Outer Diameter (mm):

16.80

Construction:

Mounted in Black Anodized Ring

Substrate Thickness (mm):

3.00

## Optical Properties

Center Wavelength CWL (nm):

1,550.00

Full Width-Half Max FWHM (nm):

190.00

Minimum Transmission (%):

≥88

Coating:

Hard Coated

Color:

SWIR

Transmission Wavelength (nm):

1485 - 1645

Blocking Wavelength Range (nm):

900 - 1400

## 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.