

## Narrow SWIR 1300nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

Stock #73-323 **1 In Stock**

€400<sup>00</sup>

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### Volume Pricing

Qty 1-9	€400,00 each
Qty 10+	€380,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

SWIR Bandpass Filter **Type:**

### Physical & Mechanical Properties

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

25.40 **Outer Diameter (mm):**

Mounted in Black Anodized Ring **Construction:**

1.00 **Substrate Thickness (mm):**

## Optical Properties

35.00 +/- 10 **Full Width-Half Max FWHM (nm):**

≥90 **Minimum Transmission (%):**

AR Hard Coated **Coating:**

SWIR **Color:**

40-20 **Surface Quality:**

1290 - 1310 **Transmission Wavelength (nm):**

## Threading & Mounting

C-Mount **Filter Thread:**

3.00 **Mount Thickness (mm):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 242:**

## Product Details

- Threads Directly between a Lens and any C-Mount Camera
- Narrow UV, VIS and SWIR Bandpass Filters Available
- Recommended for Wide Angle Lenses
- UV Protective Windows Available

C-Mount Camera Imaging Filters feature narrow imaging bandpass filters, covering the UV, VIS, and SWIR spectral ranges and are designed with anti-reflection coatings to minimize light loss and enhance performance. These filters are designed to thread directly into any C-mount camera, between the lens and sensor, to ensure compatibility across devices and are particularly useful in applications with space constraints or lenses without filter threads. A custom installation wrench is included with each filter. C-Mount Camera Imaging Filters achieve high transmission rates, typically exceeding 85%, while maintaining a narrow bandwidth, allowing them to selectively transmit a specific wavelength range. These imaging filters are ideal for applications where precise wavelength selection is crucial for optimal imaging and detection such as; Food & Agricultural Inspection, Densitometry, Remote Sensing, and Security and Surveillance.

**Note:** UV Protective Windows offering low absorption and excellent thermal stability are available for imaging applications between 350 – 1100nm.