

## Narrow SWIR 1300nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

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

⊖ 1 ⊕ £320.<sup>00</sup>

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### Volume Pricing

Qty 1-9	£320.00 each
Qty 10+	£304.00 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):**

**Construction:**  
Mounted in Black Anodized Ring

**Substrate Thickness (mm):**  
1.00

## Optical Properties

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

**Minimum Transmission (%):**  
≥90

**Coating:**  
AR Hard Coated

**Color:**  
SMR

**Surface Quality:**  
40-20

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

## Threading & Mounting

**Filter Thread:**  
C-Mount

**Mount Thickness (mm):**  
3.00

## Regulatory Compliance

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

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

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

## Product Details

- Threads Directly between a Lens and any C-Mount Camera
- Narrow UV, VIS and SMR 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 SMR 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.