

## Narrow NIR 850nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

Stock #73-321 **5 In Stock**

⊖ 1 ⊕ A\$467<sup>00</sup>

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### Volume Pricing

Qty 1-9	A\$467.20 each
Qty 10+	A\$443.20 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Interference 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):  
33.00 +/- 5

Minimum Transmission (%):  
≥88

Coating:  
Hard Coated

Color:  
Near-IR

Surface Quality:  
40-20

Transmission Wavelength (nm):  
845 - 860

## 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 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.