

Narrow NIR 850nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

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

⊖ 1 ⊕ **S\$408⁰⁰**

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Volume Pricing

Qty 1-9	S\$408.80 each
Qty 10+	S\$387.80 each
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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.