

Narrow NIR 850nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

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

⊖ 1 ⊕ £233⁰⁰

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Volume Pricing

Qty 1-9	£233.60 each
Qty 10+	£221.60 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Interference 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

33.00 +/- 5 **Full Width-Half Max FWHM (nm):**

≥88 **Minimum Transmission (%):**

Hard Coated **Coating:**

Near-IR **Color:**

40-20 **Surface Quality:**

845 - 860 **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.