

Narrow SWIR 1450nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

Stock **#73-325** [CONTACT US](#)

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1

+

€400⁰⁰

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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:
SWR	Color:
40-20	Surface Quality:
1440 - 1460	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.