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Narrow SWIR 1450nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

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

-

1

+

€400⁰⁰

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Volume Pricing	
Qty 1-9	€400,00 each
Qty 10+	€380,00 each
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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:	
SWIR	
Surface Quality:	
40-20	
Transmission Wavelength (nm):	
1440 - 1460	
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.