

Narrow SWIR 1450nm C-Mount Bandpass Filter



C-Mount Camera Imaging Filters

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

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+

\$512²⁷

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Volume Pricing	
Qty 1-9	\$512.27 each
Qty 10+	\$486.65 each
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SPECIFICATIONS

General

Type:

SWIR Bandpass Filter

Physical & Mechanical Properties

Clear Aperture CA (mm):

19.50	
	Outer Diameter (mm):
25.40	
	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-Mbunt	
	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.