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Narrow SWIR 1550nm C-Mount Bandpass Filter

C-Mount Camera Imaging Filters

Stock **#73-326** CONTACT US

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Volume Pricing	
Qty 1-9	**€400,00** each
Qty 10+	**€380,00** each
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Product Downloads

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):
1540 - 1560

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.

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