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25mm Standard UV Fixed Focal Length Lens

25mm Standard UV Fixed Focal Length Lens, #57-542

Stock **#57-542** **3 In Stock**

- 1 + **S$2,741**.00

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General

Product Family:
UV Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
25.40

Maximum Diameter (mm):
30.0

Outer Diameter (mm):
30

Weight (g):
33.00

Optical Properties

Field of View @ Min Working Distance (mm):
58.9

Horizontal Field of View, 1/2" Sensor:
58.9mm - 14.0°

Maximum Image Circle (mm):
16.00

Focal Length FL (mm):
25.00

Working Distance (mm):
230 - ∞

Aperture (f/#):
f/2.8 - f/16

Lens Wavelength Range:
UV-NIR

Sensor

Maximum Sensor Format:
1"

Threading & Mounting

Filter Thread:
M25.5 x 0.50

Mount:
C-Mount

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

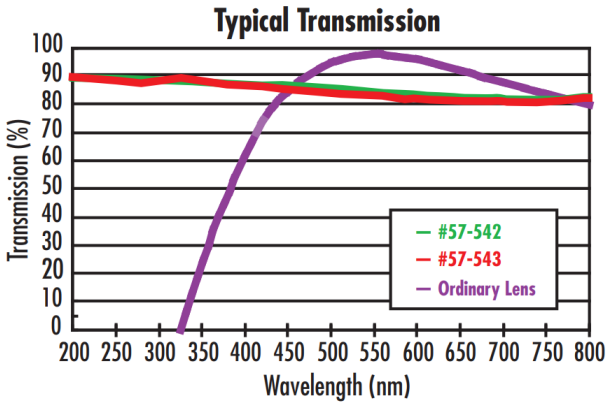
Product Details

- 1", C-Mount Lens
- Spectral Range of 230 - 1200nm
- 25mm to 78mm Focal Lengths

UV Fixed Focal Length Lenses are ideal for use in a variety of applications, including the surface inspection of circuits or fiber optics, quality control of semiconductor materials, or for locating oil contamination or leakage. Additional applications include forensic, pharmaceutical, or biomedical imaging, fluorescence, security, or counterfeit detection. UV Fixed Focal Length Lenses are manufactured from fused silica elements to provide excellent transmission from the ultraviolet to the near-infrared.

Note: These lenses are not corrected for chromatic aberration, and require refocusing when using an illumination source with a spectral bandwidth greater than 10nm. A monochromatic light source and narrow bandpass filter are recommended to improve the overall performance of the lens. The 78mm lens (**#57-543**) has a removable C-mount adapter, enabling it to be used with M42 x 0.75 (T2) mounts.

Technical Information



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