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TECHSPEC® 25mm SWIR Series Fixed Focal Length Lens

25mm Focal Length

Stock **#83-160** 3-5 DAYS

- 1 + **A$3,226.00**

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Iris Option:
Variable

Length (mm):
63.50

Horizontal Field of View, 1/2" Sensor:
52.7mm - 14.7°

Horizontal Field of View, 2/3" Sensor:
72.6mm - 20.2°

Filter Thread:
M34 x 0.50 (Female)

Maximum Diameter (mm):
40

Outer Diameter (mm):
40.0

Weight (g):
177

Horizontal Field of View, 1/3" Sensor:
39.5mm - 11.0°

Maximum Rear Protrusion (mm):
7.62

Horizontal Field of View, 1" Sensor:
105.9mm - 29.1°

Maximum Image Circle (mm):
25.60

Numerical Aperture NA, Object Side:
0.0265

Horizontal Field of View @ Max Sensor Format:
143.8mm - 38.9°

Flange Distance (mm):
17.526

Horizontal Field of View, 4/3" Sensor:
143.8mm - 38.9°

Horizontal Field of View, 1.1" Sensor:
117.7mm - 32.2°

Number of Elements (Groups):
9 (6)

Note:
Lens will cover larger 25.6mm and 20.5mm line scan sensors.

Horizontal Field of View, 1/1.8" Sensor:
59.3mm - 16.5°

Horizontal Field of View, 1/2.5" Sensor:
47.8mm - 13.3°

Type:
Fixed Focal Length Lens

Focal Length FL (mm):
25.00

Primary Magnification PMAG:
0.122

Maximum Sensor Format:
4/3"

Working Distance (mm):
200 - ∞

Mount:
C-Mount

Aperture (f/#):
f/2.1 - f/16

Coating:
0.8 - 1.8µm BBAR

Coating Specification:
0.8 - 1.8µm BBAR

Entrance Pupil Position (mm):
16.41

Horizontal Field of View, 1/4" Sensor:
29.6mm - 8.3°

Object Space Principal Plane (mm):
21.53

Image Space Principal Plane (mm):
-15.35

Field of View at Max Sensor Format:
Horizontal: 171.5mm - 45.8°
Vertical: 127.9mm - 34.9°
Diagonal: 216mm - 56.1°

Maximum Distortion (%):
-3.03

Exit Pupil Position (mm):
-21.79

Horizontal Field of View, 25.6mm Sensor:
206.8mm - 55.8°

Horizontal Field of View, 20.5mm Sensor:
128.2mm - 35.5°

Lens Wavelength Range:
SWIR

Imaging Lens Type:
SWIR Lens

Storage Temperature (°C):
-20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS:
Compliant

Certificate of Conformance:
View