

TECHSPEC[®] 8.0mm FL, Red Series M12 Lens



8.0mm Focal Length, #69-255

Stock #69-255 3-5 DAYS

⊖ 1 ⊕

A\$144.00

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Length (mm):
15.00

Horizontal Field of View, 1/2" Sensor:
341.7mm - 46.1°

Maximum Diameter (mm):
14

Outer Diameter (mm):
14.0

Weight (g):
5

Horizontal Field of View, 1/3" Sensor: 249.6mm - 34.5°
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0039
Horizontal Field of View @ Max Sensor Format: 341.7mm - 46.1°
Resolution, On-Axis: 145 lp/mm @20% Contrast
Resolution, Full Field: 125 lp/mm @20% Contrast
Number of Elements (Groups): 6 (5)
Wavelength Range (nm): 400 - 700
Horizontal Field of View, 1/2.5" Sensor: 306.3mm - 41.8°
Type: M12 Imaging Lens
Focal Length FL (mm): 8.00
Primary Magnification PMAQ: 0.020X
Maximum Sensor Format: 1/2"
Working Distance (mm): 400 - ∞
Mount: M12 x0.5 (S-Mbunt)
Aperture (f/#): f/2.5
Distortion (%): -9.15 @ Full Field
Back Focal Length BFL (mm): 8.67 - 8.53
Coating: 425 - 675nm BBAR
Coating Specification: λ/2 SiO ₂ @425 - 675nm
Entrance Pupil Position (mm): 3.67
Horizontal Field of View, 1/4" Sensor: 184.6mm - 25.9°
Object Space Principal Plane (mm): 7.82
Image Space Principal Plane (mm): 0.97
Field of View at Max Sensor Format: Horizontal: 341.8mm - 46.1° Vertical: 249.7mm - 34.5° Diagonal: 442.8mm - 57.8°
IR Cut Filter: No
Exit Pupil Position (mm): -7.65
Lens Wavelength Range: VIS
Imaging Lens Type: Standard Lens

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant