

TECHSPEC[®] f/8, 6mm Focal Length Green Series M12 Lens



6mm Focal Length

Stock #83-945 3-5 DAYS



1



A\$120.00

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Length (mm):
11.70

Maximum Diameter (mm):
14

Outer Diameter (mm):
14.00

Resolution:
80 lp/mm @ 20% Contrast

Mounting Threads:
M12 x0.5

Weight (g): 3
Horizontal Field of View, 1/3" Sensor: 129.8mm - 46.2°
Maximum Image Circle (mm): 6.00
Numerical Aperture NA, Object Side: 0.0024
Horizontal Field of View @ Max Sensor Format: 130.1mm - 46.3°
Number of Elements (Groups): 5(5)
Wavelength Range (nm): 400 - 700
Type: M12 Imaging Lens
Focal Length FL (mm): 6.00
Primary Magnification PMAG: 0.039X
Maximum Sensor Format: 1/3"
Working Distance (mm): 150 - ∞
Mount: M12 x 0.5 (S-Mount)
Aperture (f/#): f/8
Distortion (%): -8.27 @ Full Field
Back Focal Length BFL (mm): 4.0 - 3.9
Coating Specification: λ/4 MgF ₂ @ 580nm
Entrance Pupil Position (mm): 3.99
Horizontal Field of View, 1/4" Sensor: 95.1mm - 34.7°
Object Space Principal Plane (mm): 6.38
Image Space Principal Plane (mm): -1.43
Field of View at Max Sensor Format: Horizontal: 129.8mm - 46° Vertical: 95.2mm - 34.6° Diagonal: 168.5mm - 57.7°
IR Cut Filter: No
Exit Pupil Position (mm): -5.43
Lens Wavelength Range: VIS
Imaging Lens Type: Standard Lens

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant