

TECHSPEC® 5mm FL f/4, Rugged Blue Series M12 Lens



5mm FL Rugged Blue Series M12 Lens



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1

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£85.00

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Length (mm):
14.60

Maximum Diameter (mm):
14

Outer Diameter (mm):
14

Weight (g):

4
Horizontal Field of View, 1/3" Sensor: 165.6mm - 57.3°
Maximum Image Circle (mm): 6.00
Numerical Aperture NA, Object Side: 0.0040
Horizontal Field of View @ Max Sensor Format: 165.5mm - 57.3°
Number of Elements (Groups): 6(5)
Wavelength Range (nm): 400 - 700
Type: M12 Imaging Lens
Focal Length FL (mm): 5.00
Primary Magnification PMAG: 0.033X
Maximum Sensor Format: 1/3"
Working Distance (mm): 150 - ∞
Mount: M12 x 0.5 (S-Mbunt)
Aperture (f/#): f/4
Distortion (%): -18.88 @ Full Field
Back Focal Length BFL (mm): 4.0 - 3.9
Coating Specification: N4 MgF ₂ @ 550nm
Entrance Pupil Position (mm): 2.74
Horizontal Field of View, 1/4" Sensor: 117.5mm - 42.3°
Object Space Principal Plane (mm): 5.94
Image Space Principal Plane (mm): 2.53
Field of View at Max Sensor Format: Horizontal: 165.7mm - 57.3° Vertical: 117.5mm - 42.3° Diagonal: 225.4mm - 73.4°
IR Cut Filter: No
Exit Pupil Position (mm): -6.51
Lens Wavelength Range: VS

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View