

TECHSPEC® 16mm FL f/8.0 Blue Series M12 Lens



16mm FL Blue Series M12 Lens



Stock **#37-184** ☐ In Stock

1 **C\$140.00**

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Length (mm):
22.50

Horizontal Field of View, 1/2" Sensor:
58.0mm - 22.5°

Maximum Diameter (mm):

16
Horizontal Field of View, 1/3" Sensor: 43.5mm - 17.0°
Maximum Image Circle (mm): 9.00
Numerical Aperture NA, Object Side: 0.008535
Number of Elements (Groups): 6 (6)
Horizontal Field of View, 1/1.8" Sensor: 64.9mm - 25.3°
Wavelength Range (nm): 400 - 700
Horizontal Field of View, 1/2.5" Sensor: 52.5mm - 20.5°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 16.00
Primary Magnification PMAG: 0.1X
Maximum Sensor Format: 1/1.8"
Working Distance (mm): 150 - ∞
Mount: M12 x 0.5 (S-Mbunt)
Aperture (f/#): f/8.0
Back Focal Length BFL (mm): 10.79 - 10.05
Coating Specification: N4 MgF ₂ @ 588nm
Entrance Pupil Position (mm): 7.5143
Horizontal Field of View, 1/4" Sensor: 32.6mm - 12.8°
Object Space Principal Plane (mm): 7.21
Image Space Principal Plane (mm): -7.04
Field of View at Max Sensor Format: Horizontal: 64.9mm - 25.3° Vertical: 48.7mm - 19.1° Diagonal: 81.2mm - 31.4°
Maximum Distortion (%): 0.039 @ Full Field
IR Cut Filter: No
Exit Pupil Position (mm): -6.7445
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance M12 Lens

Regulatory Compliance

RoHS 2015: Compliant
Reach 223: Compliant
Certificate of Conformance: View