

TECHSPEC®

16mm FL, Liquid Lens M12 Lens



TECHSPEC® Liquid Lens M12 Imaging Lenses



+1

Stock #37-524 3-5 DAYS

- 1 +

A\$638.00

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Note: This item requires accessories for use | [Learn More](#)

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Length (mm):
31.60

Horizontal Field of View, 1/2" Sensor:
97.2mm - 22.7°

Maximum Diameter (mm):
27

Outer Diameter (mm): 27.0
Horizontal Field of View, 1/3" Sensor: 70.9mm - 17.1°
Maximum Rear Protrusion (mm): 7.7
Maximum Image Circle (mm): 9.00
Numerical Aperture NA, Object Side: 0.0137
Horizontal Field of View @ Max Sensor Format: 109.4mm - 25.5°
Range Distance (mm): 14.025
Number of Elements (Groups): 6(5)
Note: Separate driver not included. Electronic development kit #17-123 recommended. When using a Maxim driver board (#12-247, #12-248, or #17-172) the jumper at ST2 must be removed before use to ensure optimal performance and product lifetime. Watch this video for more information.
Horizontal Field of View, 1/1.8" Sensor: 109.4mm - 25.5°
Wavelength Range (nm): 400 - 700
Horizontal Field of View, 1/2.5" Sensor: 88.102mm - 20.6°
Type: M12 Imaging Lens
Focal Length FL (mm): 16.00
Primary Magnification PMAG: 0.070X
Maximum Sensor Format: 1/1.8"
Working Distance (mm): 220 - ∞
Mount: M12 x0.5 (S-Mbunt)
Aperture (f/#): f/2.4
Distortion (%): -0.33 @ Full Field
Coating Specification: λ/4 MgF ₂ @ 550nm
Entrance Pupil Position (mm): 18.21
Horizontal Field of View, 1/4" Sensor: 54.7mm - 12.9°
Object Space Principal Plane (mm): 24.98
Image Space Principal Plane (mm): -8.78
Field of View at Max Sensor Format: Horizontal: 109mm - 25.4° Vertical: 81.7mm - 19.2° Diagonal: 136.2mm - 31.5°
Integrated Liquid Lens Model: Corning® Varioptic® A-39N0
IR Cut Filter: No
Exit Pupil Position (mm): -20.62
Lens Wavelength Range: VIS

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View

