

TECHSPEC® 12mm FL, Liquid Lens M12 Lens



TECHSPEC® Liquid Lens M12 Imaging Lenses



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Stock **#37-523** 3-5 DAYS

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S\$598.00

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

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Length (mm):
34.50

Horizontal Field of View, 1/2" Sensor:
94.0mm - 30.4°

Maximum Diameter (mm):
27

Outer Diameter (mm): 27.0
Horizontal Field of View, 1/3" Sensor: 69.8mm - 22.8°
Maximum Rear Protrusion (mm): 6.7
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0148
Horizontal Field of View @ Max Sensor Format: 94.0mm - 30.4°
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.
Wavelength Range (nm): 400 - 700
Horizontal Field of View, 1/2.5" Sensor: 84.846mm - 27.5°
Type: M12 Imaging Lens
Focal Length FL (mm): 12.00
Primary Magnification PMAG: 0.073X
Maximum Sensor Format: 1/2"
Working Distance (mm): 150 - ∞
Mount: M12 x 0.5 (S-Mount)
Aperture (f#): f/2.4
Distortion (%): -2.34 @ Full Field
Coating Specification: λ/4 MgF ₂ @ 550nm
Entrance Pupil Position (mm): 17.76
Horizontal Field of View, 1/4" Sensor: 52.0mm - 17.1°
Object Space Principal Plane (mm): 24.38
Image Space Principal Plane (mm): -3.91
Field of View at Max Sensor Format: Horizontal: 93.8mm - 30.3° Vertical: 69.6mm - 22.8° Diagonal: 118.4mm - 37.6°
Integrated Liquid Lens Model: Corning® Varioptic® A-39N0
IR Cut Filter: No
Exit Pupil Position (mm): -18.62
Lens Wavelength Range: VIS

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View