

TECHSPEC® 6mm FL, Liquid Lens M12 Lens



TECHSPEC® Liquid Lens M12 Imaging Lenses



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Stock **#37-521** ☐ In Stock

€440,00

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

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Length (mm):
27.20

Horizontal Field of View, 1/2" Sensor:
129.2mm - 61.1°

Maximum Diameter (mm):

23
Outer Diameter (mm): 18.0
Weight (g): 14
Horizontal Field of View, 1/3" Sensor: 92.5mm - 45.8°
Maximum Rear Protrusion (mm): 7.7
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0117
Horizontal Field of View @ Max Sensor Format: 129.2mm - 61.1°
Flange 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: 114.9mm - 55.3°
Type: M12 Imaging Lens
Focal Length FL (mm): 6.00
Primary Magnification PMAG: 0.058X
Maximum Sensor Format: 1/2"
Working Distance (mm): 100 - ∞
Mount: M12 x0.5 (S-Mbunt)
Aperture (f/#): f/2.4
Distortion (%): -14.91 @ Full Field
Coating Specification: N4 MgF ₂ @ 550nm
Entrance Pupil Position (mm): 7.41
Horizontal Field of View, 1/4" Sensor: 67.6mm - 34.3°
Object Space Principal Plane (mm): 11.93
Image Space Principal Plane (mm): 1.08
Field of View at Max Sensor Format: Horizontal: 128.6mm - 60.8° Vertical: 92.1mm - 45.6° Diagonal: 170.8mm - 75.8°
Integrated Liquid Lens Model: Corning® Varioptic® A-39N0
IR Cut Filter: No
Exit Pupil Position (mm): -17.28
Lens Wavelength Range: VIS

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View

