

TECHSPEC® 6mm UC Series Fixed Focal Length Lens



6mm FL, #33-301



Stock **#33-301** ☐ In Stock



1



C\$364.00

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Iris Option:
Variable

Length (mm):
40.90

Horizontal Field of View, 1/2" Sensor:
73.8mm - 60.0°

Filter Thread:
M34 x0.5 (Female)

Maximum Diameter (mm): 36
Outer Diameter (mm): 36.00
Weight (g): 67
Horizontal Field of View, 1/3" Sensor: 53.4mm - 45.4°
Maximum Rear Protrusion (mm): 3.2
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0255
Horizontal Field of View @ Max Sensor Format: 73.8mm - 60.0°
Number of Elements (Groups): 9 (8)
Front Thread: M34 x 0.5 (Female)
Mounting Diameter (mm): 30.0
Horizontal Field of View, 1/2.5" Sensor: 65.9mm - 54.6°
Optimized Sensor Format: 1/2.5"
Type: Fixed Focal Length Lens
Focal Length FL (mm): 6.00
Primary Magnification PMAG: 0.094
Maximum Sensor Format: 1/2"
Working Distance (mm): 50 - ∞
Mount: C-Mount
Aperture (f/#): f/1.85 - f/11
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 12.64
Horizontal Field of View, 1/4" Sensor: 39.2mm - 34.2°
Object Space Principal Plane (mm): 17.55
Image Space Principal Plane (mm): 4.85
Field of View at Max Sensor Format: Horizontal: 73.8mm - 60° Vertical: 53.3mm - 45.4° Diagonal: 96.8mm - 73.8°
Maximum Distortion (%): -11.19
Maximum Length (mm): 40.9
Exit Pupil Position (mm): -22.49
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens with Compact Form Factor
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
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REACH 201:
[Compliant](#)

Certificate of Conformance:
[View](#)

