

TECHSPEC® 6mm, f/1.85 UCi Series Fixed Focal Length Lens



6mm UCi Series Fixed Focal Length Lens



Stock **#33-862** ☐ In Stock



1



C\$329.00

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Iris Option:
Fixed

Length (mm):
47.30

Horizontal Field of View, 1/2" Sensor:
72.8mm - 60.0°

Filter Thread:
M30.5 x0.50 (Male)

Maximum Diameter (mm): 30.5
Outer Diameter (mm): 30.5
Weight (g): 52
Horizontal Field of View, 1/3" Sensor: 52.7mm - 45.4°
Maximum Rear Protrusion (mm): 0
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0254
Horizontal Field of View @ Max Sensor Format: 72.8mm - 60.0°
Number of Elements (Groups): 9 (8)
Horizontal Field of View, 1/2.5" Sensor: 65.0mm - 54.6°
Optimized Sensor Format: 1/2.5"
Type: Fixed Focal Length Lens
Focal Length FL (mm): 6.00
Primary Magnification PMAG: 0.096
Maximum Sensor Format: 1/2"
Working Distance (mm): 50 - ∞
Mount: M12 x0.5 (S-Mount)
Aperture (f/#): f/1.85
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 12.61
Horizontal Field of View, 1/4" Sensor: 38.7mm - 34.2°
Object Space Principal Plane (mm): 17.55
Image Space Principal Plane (mm): 4.85
Field of View at Max Sensor Format: Horizontal: 72.8mm - 60° Vertical: 52.7mm - 45.4° Diagonal: 95.5mm - 73.8°
Maximum Distortion (%): -11.2
Exit Pupil Position (mm): -23.26
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens with Compact Form Factor and Fixed Aperture
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View