

TECHSPEC® 12mm UC Series Fixed Focal Length Lens



12mm FL, #33-303



Stock **#33-303** ☐ In Stock



1



C\$364.00

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Iris Option:
Variable

Length (mm):
35.20

Horizontal Field of View, 1/2" Sensor:
62.2mm - 30.3°

Filter Thread:
M25.5 x0.50 (Female)

Maximum Diameter (mm): 30
Outer Diameter (mm): 30.00
Weight (g): 49
Horizontal Field of View, 1/3" Sensor: 46.3mm - 22.8°
Maximum Rear Protrusion (mm): 2.7
Maximum Image Circle (mm): 9.00
Numerical Aperture NA, Object Side: 0.0278
Horizontal Field of View @ Max Sensor Format: 70.3mm - 34.0°
Number of Elements (Groups): 7 (6)
Horizontal Field of View, 1/1.8" Sensor: 70.3mm - 34.0°
Mounting Diameter (mm): 30.0
Horizontal Field of View, 1/2.5" Sensor: 56.2mm - 27.5°
Optimized Sensor Format: 1/2.5"
Type: Fixed Focal Length Lens
Focal Length FL (mm): 12.00
Primary Magnification PMAG: 0.105
Maximum Sensor Format: 1/1.8"
Working Distance (mm): 100 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8 - f/11
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 16.05
Horizontal Field of View, 1/4" Sensor: 34.5mm - 17.1°
Object Space Principal Plane (mm): 23.04
Image Space Principal Plane (mm): -1.82
Field of View at Max Sensor Format: Horizontal: 70.3mm - 34° Vertical: 52.2mm - 25.6° Diagonal: 89mm - 42.2°
Maximum Distortion (%): -3.03
Maximum Length (mm): 35.2
Exit Pupil Position (mm): -18.56
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](#)

