

TECHSPEC®

12mm, f/1.8 UCi Series Fixed Focal Length Lens



12mm UCi Series Fixed Focal Length Lens



Stock #33-876 3-5 DAYS

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A\$341.00

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Iris Option:

Fixed

Length (mm):

38.00

Horizontal Field of View, 1/2" Sensor:

61.2mm - 30.3°

Filter Thread:

M22 x0.75 (Male)

Maximum Diameter (mm): 22
Outer Diameter (mm): 22
Weight (g): 18
Horizontal Field of View, 1/3" Sensor: 45.5mm - 22.8°
Maximum Rear Protrusion (mm): 0
Maximum Image Circle (mm): 9.00
Numerical Aperture NA, Object Side: 0.0284
Horizontal Field of View @ Max Sensor Format: 69.2mm - 34.0°
Number of Elements (Groups): 7 (6)
Horizontal Field of View, 1/1.8" Sensor: 69.2mm - 34.0°
Horizontal Field of View, 1/2.5" Sensor: 55.3mm - 27.5°
Optimized Sensor Format: 1/2.5"
Type: Fixed Focal Length Lens
Focal Length FL (mm): 12.00
Primary Magnification PMAG: 0.107
Maximum Sensor Format: 1/1.8"
Working Distance (mm): 100 - ∞
Mount: M12 x 0.5 (S-Mbunt)
Aperture (f#): f/1.8
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 15.92
Horizontal Field of View, 1/4" Sensor: 34.0mm - 17.1°
Object Space Principal Plane (mm): 23.03
Image Space Principal Plane (mm): -1.82
Field of View at Max Sensor Format: Horizontal: 69.2mm - 34° Vertical: 51.4mm - 25.6° Diagonal: 87.6mm - 42.2°
Maximum Distortion (%): -3.03
Exit Pupil Position (mm): -19.24
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

