

TECHSPEC® 12mm Focal Length, HP Series Fixed Focal Length Lens



12mm Focal Length, #86-570



Stock **#86-570** ☐ In Stock

1

£616.25

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Iris Option:
Variable

Length (mm):
74.08

Horizontal Field of View, 1/2" Sensor:
65.6mm - 28.9°

Horizontal Field of View, 2/3" Sensor:

90.2mm - 39.0°
Filter Thread: M62 x0.75 with adapter #34-236
Maximum Diameter (mm): 48
Outer Diameter (mm): 48
Weight (g): 261
Horizontal Field of View, 1/3" Sensor: 49.2mm - 21.9°
Maximum Rear Protrusion (mm): 0.98
Horizontal Field of View, 1" Sensor: 131.2mm - 54.5°
Maximum Image Circle (mm): 17.60
Numerical Aperture NA, Object Side: 0.0268
Horizontal Field of View @ Max Sensor Format: 131.2mm - 54.5°
Horizontal Field of View, 1.1" Sensor: 145.6mm - 59.5°
Number of Elements (Groups): 10 (9)
Horizontal Field of View, 1/1.8" Sensor: 73.8mm - 32.3°
Front Thread: M48 x0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 59.5mm - 26.3°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 12.00
Primary Magnification PMAG: 0.099
Maximum Sensor Format: 1.1"
Working Distance (mm): 100 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8 - f/16
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 30.15
Horizontal Field of View, 1/4" Sensor: 36.9mm - 16.5°
Object Space Principal Plane (mm): 39.67
Image Space Principal Plane (mm): 2.42
Field of View at Max Sensor Format: Horizontal: 150.1mm - 62.8° Vertical: 110.2mm - 48.7° Diagonal: 192.7mm - 75.2°
Maximum Distortion (%): -3.79
Maximum Length (mm): 70.1
Exit Pupil Position (mm): -36.99
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View
