

TECHSPEC®

16mm Focal Length, HP Series Fixed Focal Length Lens



16mm Focal Length, #86-571



Stock **#86-571** ☐ In Stock

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1

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£616.25

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Iris Option:
Variable

Length (mm):
65.40

Horizontal Field of View, 1/2" Sensor:
49.4mm - 22.1°

Horizontal Field of View, 2/3" Sensor:

67.5mm - 30.4°
Filter Thread: M46 x0.75 (Female)
Maximum Diameter (mm): 48
Outer Diameter (mm): 48
Weight (g): 175
Horizontal Field of View, 1/3" Sensor: 36.9mm - 16.6°
Maximum Rear Protrusion (mm): 0
Horizontal Field of View, 1" Sensor: 101.4mm - 43.2°
Maximum Image Circle (mm): 17.60
Numerical Aperture NA, Object Side: 0.0354
Horizontal Field of View @ Max Sensor Format: 113.4mm - 47.6°
Horizontal Field of View, 1.1" Sensor: 113.4mm - 47.6°
Number of Elements (Groups): 9 (7)
Horizontal Field of View, 1/1.8" Sensor: 55.7mm - 24.8°
Horizontal Field of View, 1/2.5" Sensor: 44.7mm - 20.0°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 16.00
Primary Magnification PMAG: 0.131
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): 27.04
Horizontal Field of View, 1/4" Sensor: 27.6mm - 12.5°
Object Space Principal Plane (mm): 40.34
Image Space Principal Plane (mm): -18.60
Field of View at Max Sensor Format: Horizontal: 112.4mm - 47.2° Vertical: 82.7mm - 36° Diagonal: 144.7mm - 58.1°
Maximum Distortion (%): -3.75
Maximum Length (mm): 60.4
Minimum Length (mm): 58
Exit Pupil Position (mm): -87.31
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 223: Compliant
Certificate of Conformance: View
