

TECHSPEC® f/2.5, NIR, 8.0mm HEO Series M12 Lens



8.0mm Focal Length

Stock **#63-761** 10 TO 12 DAYS

- 1 + **₹9,683.00**

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Qty 1-49
₹9,683.00
Qty 50+
₹7,613.00
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Length (mm): 15.00
Horizontal Field of View, 1/2" Sensor: 341.7mm - 46.1°
Maximum Diameter (mm): 14
Outer Diameter (mm):

14.0
Weight (g): 4
Horizontal Field of View, 1/3" Sensor: 249.6mm - 34.5°
Maximum Image Circle (mm): 10.00
Numerical Aperture NA, Object Side: 0.0040
Horizontal Field of View @ Max Sensor Format: 341.7mm - 46.1°
Resolution, On-Axis: 145 lp/mm @20% Contrast
Number of Elements (Groups): 6 (5)
Wavelength Range (nm): 600 - 1050
Horizontal Field of View, 1/2.5" Sensor: 306.3mm - 41.8°
Type: M12 Imaging Lens
Focal Length FL (mm): 8.00
Primary Magnification PMAG: 0.020X
Maximum Sensor Format: 1/2"
Working Distance (mm): 400 - ∞
Mount: M12 x0.5 (S-Mbunt)
Aperture (f/#): f/2.5
Distortion (%): -9.12 @ Full Field
Back Focal Length BFL (mm): 8.72 - 8.57
Coating Specification: 600 - 1050nm BBAR
Entrance Pupil Position (mm): 3.70
Horizontal Field of View, 1/4" Sensor: 184.6mm - 25.9°
Object Space Principal Plane (mm): 7.86
Image Space Principal Plane (mm): 0.98
Field of View at Max Sensor Format: Horizontal: 340.1mm - 45.9° Vertical: 248.5mm - 34.4° Diagonal: 440.5mm - 57.6°
IR Cut Filter: No
Exit Pupil Position (mm): -7.66
Lens Wavelength Range: NIR
Imaging Lens Type: Meets IEC IPX7 and IPX9K

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant