

TECHSPEC[®] 4.5mm C Series Fixed Focal Length Lens



4.5mm Focal Length, #86-900



Stock **#86-900** ☐ In Stock

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C\$756.00

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Iris Option:
Variable

Length (mm):
37.50

Horizontal Field of View, 1/2" Sensor:
76.7°

Filter Thread:
M58 x0.75 with required adapter [#87-425](#)

Maximum Diameter (mm): 40
Outer Diameter (mm): 40.00
Weight (g): 69
Horizontal Field of View, 1/3" Sensor: 59.2°
Maximum Rear Protrusion (mm): 2.78
Maximum Image Circle (mm): 9.00
Numerical Aperture NA, Object Side: 0.0285
Horizontal Field of View @ Max Sensor Format: 84.7°
Number of Elements (Groups): 7 (6)
Note: Length includes protruding front element
Horizontal Field of View, 1/1.8" Sensor: 84.7°
Front Thread: M40 x 0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 69.4°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 4.50
Primary Magnification PMA_G: 0.117
Maximum Sensor Format: 1/1.8"
Working Distance (mm): 25 - ∞
Mount: C-Mount
Aperture (f/#): f/2 - f/11
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 14.40
Horizontal Field of View, 1/4" Sensor: 45.2°
Object Space Principal Plane (mm): 17.89
Image Space Principal Plane (mm): 6.51
Field of View at Max Sensor Format: Horizontal: 84.7° Vertical: 66.1° Diagonal: 100.1°
Maximum Distortion (%): -15.8
Exit Pupil Position (mm): -9
Lens Wavelength Range: VIS
Imaging Lens Type: Compact Lens
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
REACH 201: Compliant

