

TECHSPEC® 50mm C Series Fixed Focal Length Lens



50mm Focal Length, #59-873



Stock **#59-873** ☐ In Stock

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Iris Option:
Variable

Length (mm):
53.70

Horizontal Field of View, 1/2" Sensor:
6.2°

Horizontal Field of View, 2/3" Sensor:
10.0°

Filter Thread: M30.5 x0.50 (Female)
Maximum Diameter (mm): 35.8
Outer Diameter (mm): 35.8
Weight (g): 107
Horizontal Field of View, 1/3" Sensor: 4.6°
Maximum Rear Protrusion (mm): 2.85
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0437
Horizontal Field of View @ Max Sensor Format: 10.0°
Number of Elements (Groups): 6 (4)
Horizontal Field of View, 1/1.8" Sensor: 6.9°
Horizontal Field of View, 1/2.5" Sensor: 5.5°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.207
Maximum Sensor Format: 2/3"
Working Distance (mm): 250 - ∞
Mount: C-Mount
Aperture (f#): f/2 - f/22
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 33.76
Horizontal Field of View, 1/4" Sensor: 3.5°
Object Space Principal Plane (mm): 39.77
Image Space Principal Plane (mm): -36.21
Field of View at Max Sensor Format: Horizontal: 10.0° Vertical: 7.5° Diagonal: 12.5°
Maximum Distortion (%): 0.3
Exit Pupil Position (mm): -43.04
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 209: Compliant
Certificate of Conformance: View

