

TECHSPEC® 50mm CA Series Fixed Focal Length Lens



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Stock #11-320 ☐ In Stock

1 **C\$1,190.00**

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Iris Option:
Variable

Length (mm):
72.58

Horizontal Field of View, 1/2" Sensor:
26.8mm - 7.3°

Horizontal Field of View, 2/3" Sensor:
36.1mm - 10.1°

Filter Thread:
M37.5 x0.50 (Female)

Maximum Diameter (mm): 50
Outer Diameter (mm): 50
Weight (g): 276
Horizontal Field of View, 1/3" Sensor: 20.1mm - 5.5°
Maximum Rear Protrusion (mm): 0
Horizontal Field of View, 1" Sensor: 52.6mm - 14.6°
Maximum Image Circle (mm): 27.90
Numerical Aperture NA, Object Side: 0.059
Horizontal Field of View, 4/3" Sensor: 72.4mm - 19.6°
Horizontal Field of View, 1.1" Sensor: 59.5mm - 16.1°
Number of Elements (Groups): 7 (5)
Horizontal Field of View, 1/1.8" Sensor: 30.1mm - 8.2°
Horizontal Field of View, 1/2.5" Sensor: 24.3mm - 6.6°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.239
Maximum Sensor Format: APS-C
Working Distance (mm): 200 - ∞
Mount: TFL-Mount
Aperture (f/#): f/1.8 - f/16
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 30.93
Horizontal Field of View, 1/4" Sensor: 15.1mm - 4.1°
Object Space Principal Plane (mm): 55.36
Image Space Principal Plane (mm): -27.42
Field of View at Max Sensor Format: Horizontal: 93.5mm - 25.2° Vertical: 70.1mm - 19° Diagonal: 116.8mm - 31.2°
Maximum Distortion (%): -0.36
Horizontal Field of View, APS-C Sensor: 93.8mm - 25.2°
Exit Pupil Position (mm): -75.18
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
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Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)

