

TECHSPEC®

50mm Cx Series Fixed Focal Length Lens



50mm Cx Series Fixed Focal Length Lens, #33-566

Stock #33-566

3-4 DAYS

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1

+

£280.00

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£280.00

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 Prices shown are exclusive of VAT/local taxes

Note: This item requires accessories for use | [Learn More](#)

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Iris Option:
Fixed

Length (mm):
54.70

Horizontal Field of View, 1/2" Sensor:
37.2mm - 7.1°

Horizontal Field of View, 2/3" Sensor:
51.2mm - 9.8°

Filter Thread: M25.5 x0.50 with adapter #89-941
Maximum Diameter (mm): 30.5
Outer Diameter (mm): 30.5
Weight (g): 72
Horizontal Field of View, 1/3" Sensor: 27.9mm - 5.4°
Maximum Rear Protrusion (mm): 0
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.037
Number of Elements (Groups): 6 (4)
Note: Cx Lens Accessory required for use. All field of view and working distance values listed assume a Cx Lens Aperture Accessory has been integrated. Cx Lens Accessory is not included and must be purchased separately. Working distance is 325-3000mm when used with a filter and 250mm-∞ when used with a liquid lens.
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.171
Maximum Sensor Format: 2/3"
Working Distance (mm): 300 - 1,675
Mount: C-Mount
Aperture (f/#): Accessory Dependent
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 35.25
Object Space Principal Plane (mm): 39.90
Image Space Principal Plane (mm): -36.27
Field of View at Max Sensor Format: Horizontal: 51.5mm - 9.9° Vertical: 38.6mm - 7.4° Diagonal: 64.5mm - 12.3°
Maximum Distortion (%): 0.12
Exit Pupil Position (mm): -41.4
Lens Wavelength Range: VIS
Imaging Lens Type: Adaptable Lens with Interchangeable Apertures, Filters and Liquid Lens
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View