

TECHSPEC® 50mm DG Series Fixed Focal Length Lens



50mm Focal Length, #54-690

Stock **#54-690** [CONTACT US](#)



1



£510.00

ADD TO CART

Qty 1-49

£510.00

Qty 50+

£402.05

Volume Pricing

[Request Quote](#)

⚠ Prices shown are exclusive of VAT/local taxes

Get Product Downloads

Iris Option:
Variable

Length (mm):
50.10

Horizontal Field of View, 1/2" Sensor:
29.1mm - 7.2°

Horizontal Field of View, 2/3" Sensor: 40.1mm - 9.9°
Filter Thread: M39.0 x0.50 (Female)
Maximum Diameter (mm): 40
Weight (g): 174
Horizontal Field of View, 1/3" Sensor: 21.9mm - 5.4°
Maximum Rear Protrusion (mm): 4
Horizontal Field of View, 1" Sensor: 58.2mm - 14.4°
Maximum Image Circle (mm): 21.60
Numerical Aperture NA, Object Side: 0.0227
Horizontal Field of View @ Max Sensor Format: 78.7mm - 19.3°
Horizontal Field of View, 4/3" Sensor: 78.7mm - 19.3°
Horizontal Field of View, 1.1" Sensor: 64.6mm - 15.9°
Number of Elements (Groups): 6 (4)
Horizontal Field of View, 1/1.8" Sensor: 32.8mm - 8.1°
Horizontal Field of View, 1/2.5" Sensor: 26.4mm - 6.6°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.224
Maximum Sensor Format: 4/3"
Working Distance (mm): 240 - ∞
Mount: C-Mount
Aperture (f/#): f/4 - f/18
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 36.29
Horizontal Field of View, 1/4" Sensor: 16.4mm - 4.1°
Object Space Principal Plane (mm): 33.95
Image Space Principal Plane (mm): -20.32
Field of View at Max Sensor Format: Horizontal: 77mm - 19.4° Vertical: 57.8mm - 14.6° Diagonal: 96.1mm - 24°
Maximum Distortion (%): 1.01
Exit Pupil Position (mm): -18.07
Lens Wavelength Range: VIS
Imaging Lens Type: Traditional Double-Gauss Style 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](#)

Certificate of Conformance:
[View](#)
