

TECHSPEC® 50.8 x 59.5mm EFL 45° Protected Gold 100Å Off-Axis Parabolic Mirror



Stock **#35-551** 3-5 DAYS

[Other Coating Options](#)

- 1 +

A\$856.00

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
50.80 +0.00/-0.38

Effective Focal Length EFL (mm):
59.51

Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 101.60
Coating: Protected Gold (700-10000nm)
Coating Type: Metal
Coating Specification: R _{avg} ≥94% @ 700 - 800nm R _{avg} ≥97% @ 800 - 2,000nm R _{avg} ≥98% @ 2,000 - 12,000nm
Off-Set Angle (°): 45
Parent Focal Length PFL (mm): 50.8
Surface Figure, RMS: λ/2
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 700 - 10000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #47-112
Substrate: Aluminum 6061-T6
Y Offset (mm): 42.08
Reflected Wavefront, RMS: 1λ

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant