

TECHSPEC® 50.8 x 310.1mm EFL 15° Bare Gold 100Å Off-Axis Parabolic Mirror



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- 1 + **C\$560.00**

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
50.80 +0.00/-0.38

Effective Focal Length EFL (mm):
310.08

Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 609.60
Coating: Bare Gold
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 (°): 15
Parent Focal Length PFL (mm): 304.8
Surface Figure, RMS: λ/2
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 700 - 12000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #47-112
Substrate: Aluminum 6061-T6
Y Offset (mm): 80.26
Reflected Wavefront, RMS: 1λ

Regulatory Compliance

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