

TECHSPEC® 12.7 x 50.8mm EFL 90° Protected Gold 100Å Off-Axis Parabolic Mirror



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1

C\$399.00

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
12.70 +0.00/-0.38

Effective Focal Length EFL (mm):
50.80

Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 50.80
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 (°): 90
Parent Focal Length PFL (mm): 25.4
Surface Figure, RMS: λ/4
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 700 - 10000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #34-425
Substrate: Aluminum 6061-T6
Y Offset (mm): 50.8
Reflected Wavefront, RMS: λ/2

Regulatory Compliance

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