

TECHSPEC® 50.8 x 81.7mm EFL 30° Protected Gold 100Å Off-Axis Parabolic Mirror



TECHSPEC Gold Off-Axis Parabolic Mirrors

Stock **#35-618** ☐ In Stock

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1 **C\$756.00**

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Qty 1-5

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
50.80 +0.00/-0.38

Effective Focal Length EFL (mm):

81.67
Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 152.40
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 (°): 30
Parent Focal Length PFL (mm): 76.2
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): 40.84
Reflected Wavefront, RMS: 1λ

Regulatory Compliance

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