

TECHSPEC[®] 50.8 x 177.8mm EFL 90° Protected Silver 100Å Off-Axis Parabolic Mirror



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1

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£416.50

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
50.80 +0.00/-0.38

Effective Focal Length EFL (mm):

177.80
Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 177.80
Coating: Protected Silver (450-12000nm)
Coating Type: Metal
Coating Specification: R _{avg} ≥98% @ 2,000 - 12,000nm, R _{avg} (typical) 96% @ 450 - 2,000nm
Off-Set Angle (°): 90
Parent Focal Length PFL (mm): 88.9
Surface Figure, RMS: λ/2
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 450 - 12000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #47-112
Substrate: Aluminum 6061-T6
Y Offset (mm): 177.8
Reflected Wavefront, RMS: 1λ

Regulatory Compliance

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