

TECHSPEC[®] 50.8 x 108.9mm EFL 30° Bare Gold 175Å Off-Axis Parabolic Mirror



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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
50.80 +0.00/-0.38

Effective Focal Length EFL (mm):
108.89

Focal Length Tolerance (%):
±1

Radius of Curvature (mm): 203.20
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 (°): 30
Parent Focal Length PFL (mm): 101.6
Surface Figure, RMS: λ/4
Surface Roughness (Angstroms): <175 RMS
Wavelength Range (nm): 700 - 12000
Surface Quality: 80-50
Compatible Mounting Plates: #47-112
Substrate: Aluminum 6061-T6
Y Offset (mm): 54.45
Reflected Wavefront, RMS: λ/2

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View