

TECHSPEC® 25.4 x 54.4mm EFL 30° Protected Aluminum 100Å Off-Axis Parabolic Mirror



TECHSPEC Aluminum Off-Axis Parabolic Mirrors

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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
25.40 +0.00/-0.38

Effective Focal Length EFL (mm):
54.45

Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 101.60
Coating: Protected Aluminum (400-2000nm)
Coating Type: Metal
Coating Specification: R _{avg} ≥85% @ 400 - 700nm R _{avg} ≥97% @ 2,000 - 12,000nm
Off-Set Angle (°): 30
Parent Focal Length PFL (mm): 50.8
Surface Figure, RMS: λ/4
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 400 - 2000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #47-111
Substrate: Aluminum 6061-T6
Y Offset (mm): 27.22
Reflected Wavefront, RMS: λ/2

Regulatory Compliance

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