

TECHSPEC® 101.6 x 178.5mm EFL 45° Protected Gold 100Å Off-Axis Parabolic Mirror



Stock **#35-640** 3-5 DAYS

[Other Coating Options](#)

- 1 + **A\$1,568.00**

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Qty 1-5
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Type:
Off-Axis Parabolic Mirror

Diameter (mm):
101.60 +0.00/-0.38

Effective Focal Length EFL (mm):
178.55

Focal Length Tolerance (%): ±1
Radius of Curvature (mm): 304.80
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 (°): 45
Parent Focal Length PFL (mm): 152.4
Surface Figure, RMS: 1λ
Surface Roughness (Angstroms): <100 RMS
Wavelength Range (nm): 700 - 10000
Clear Aperture (%): 90
Surface Quality: 80-50
Compatible Mounting Plates: #83-977
Substrate: Aluminum 6061-T6
Y Offset (mm): 126.25
Reflected Wavefront, RMS: 2λ

Regulatory Compliance

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