

TECHSPEC®

8" Diameter x 48" FL Protected Gold, Parabolic Mirror



Stock #32-074-566 [CONTACT US](#)

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+

C\$1,635.20

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Substrate: [BOROFLOAT®SUPREMAX®](#)

Focal Length Tolerance (%):
±1.5

Surface Quality:
60-40

Surface Accuracy:
λ/8

Diameter (inches): 8.0 +0.06/-0
Diameter (mm): 203.20 +1.5/-0
Effective Focal Length EFL (inches): 48.0
Effective Focal Length EFL (mm): 1,219.20
Radius of Curvature (mm): 2,438.40
Aperture (f/#): f/6
Coating: Protected Gold (700-10000nm)
Coating Specification: R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm
Coating Type: Metal
Back Surface: Ground
Clear Aperture CA (mm): 183
Edge Thickness ET (inches): 1.37
Edge Thickness ET (mm): 34.80
Type: Parabolic Mirror
Wavelength Range (μm): 0.7 - 10
Wavelength Range (nm): 700 - 10000
Damage Threshold, Reference: ☐ 0.8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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