

TECHSPEC®

12.5" Diameter x 75" FL Protected Aluminum, Parabolic Mirror



Stock #32-276-522

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+

C\$4,291.00

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Substrate:

BOROLOAT®SUPREMAX®

Focal Length Tolerance (%):

±1.5

Surface Quality:

60-40

Surface Accuracy:

λ/8

Diameter (inches): 12.5 +0.06/-0
Diameter (mm): 317.50 +1.5/-0
Effective Focal Length EFL (inches): 75.0
Effective Focal Length EFL (mm): 1,905.00
Radius of Curvature (mm): 3,810.00
Aperture (f/#): f/6
Coating: Protected Aluminum (400-2000nm)
Coating Specification: R _{avg} >85% @ 400 - 700nm R _{avg} >90% @ 400 - 2000nm
Coating Type: Metal
Back Surface: Ground
Clear Aperture CA (mm): 286
Edge Thickness ET (inches): 2.13
Edge Thickness ET (mm): 54.10
Type: Parabolic Mirror
Wavelength Range (μm): 0.4 - 2
Wavelength Range (nm): 400 - 2000
Damage Threshold, Reference: ☐ 0.3 J/cm² @ 532nm & 1064nm, 10ns

Regulatory Compliance

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