

TECHSPEC[®]

600-1000nm, 50.8mm Dia. x 500mm EFL, Ultrafast-Enhanced Silver Concave Laser Mirror



TECHSPEC[®] Ultrafast-Enhanced Silver Concave Laser Mirrors

Stock #13-072 3-5 DAYS

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1

+

A\$404.80

ADD TO CART

Qty 1-5

A\$404.80

Qty 6+

A\$358.40

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Substrate: ☐
[Fused Silica](#) (Coming 7980)

Surface Quality:
20-10

Diameter (mm):
50.80 +0.00/-0.20

Effective Focal Length EFL (mm): 500.00
Radius of Curvature (mm): 1,000.00
Coating: Ultrafast-Enhanced Silver (600-1000nm)
Coating Specification: R_{avg} >99% @ 600 - 1000nm, 0° R_s >99% @ 540 - 1000nm, 45° R_p >98.5% @ 730 - 870nm, 45°
GDD Specification: 0 ±20fs² @ 600 - 1050nm
Coating Type: Ultrafast-Enhanced Silver
Clear Aperture (%): 80
Edge Thickness ET (mm): 10.00 ±0.20
Type: Concave Mirror
Wavelength Range (nm): 600 - 1000
Irregularity (P-V) @ 632.8nm: 0.15λ
Damage Threshold, Reference: 0.3 J/cm² @ 800nm, 48fs, 1 pulse (typical) 0.16 J/cm² @ 800nm, 48fs, 100Hz, 1000 pulses (typical)

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View