

TECHSPEC[®] 600-1050nm, 40mm Diameter Ultrafast-Enhanced Silver Coated, λ/10 Mirror



Stock #21-990 ☐ In Stock

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1

+

C\$253.40

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Qty 1-5

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Diameter (mm):
40.00 +0.00/-0.20

Surface Flatness (P-V):
λ/10 (measured before coating)

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

Back Surface:

Commercial Polish
Surface Quality: 20-10
Dimensional Tolerance (mm): +0.00/-0.20
Coating Specification: R _{avg} >99% @ 600 - 1000nm, 0° R _s >99% @ 540 - 1000nm, 45° R _p >98.5% @ ~730 - 870nm, 45°
Coating: Ultrafast-Enhanced Silver (600-1000nm)
Coating Type: Ultrafast-Enhanced Silver
Bevel: Protective bevel as needed
Clear Aperture (%): 90
Edges: Ground
Parallelism (arcsec): 30
Thickness (mm): 5.00 ±0.20
Type: Flat Mirror
Wavelength Range (µm): 0.60 - 1.05
Wavelength Range (nm): 600 - 1050
GDD Specification: 0 ±20fs ² @ 600 - 1050nm
Damage Threshold, Reference:  0.3 J/cm ² , 100 Hz, 48fs FWHM, 800nm, S-Pol, 1 Pulse 0.16 J/cm ² , 100 Hz, 48fs FWHM, 800nm, S-Pol, 1000 Pulses

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View