

TECHSPEC® 800-1150nm, 40mm Diameter Ultrafast-Enhanced Silver Coated, λ/10 Mirror



Stock **#22-020** 3-5 DAYS

- 1 + **A\$289.60**

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Qty 1-5
A\$289.60
Qty 6+
A\$231.20
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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% @ 850 - 1150nm, 0° R _s >99% @ 800 - 1150nm, 45° R _p >98.5% @ ~850 - 1100nm, 45°
Coating: Ultrafast-Enhanced Silver (800-1150nm)
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): 0.80 - 1.15
Wavelength Range (nm): 800 - 1150
GDD Specification: 0 ±30fs² @ 800 - 1150nm
Damage Threshold, Reference: ☐ 0.15 J/cm², 1030 nm, 100 fs FWHM, S-Pol, 1000 Pulses

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View