

TECHSPEC® 600 - 1000nm, 12.7mm Dia. Ultrafast-Enhanced Silver Laser Mirror



Stock #13-059 3-4 DAYS

⊖ 1 ⊕ **£72.25**

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Qty 1-4
£72.25
Qty 5+
£63.75
Volume Pricing
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ⓘ Prices shown are exclusive of VAT/local taxes

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Surface Quality:
10-5

Type:
Flat Mirror

Parallelism (arcmin):
<3

Clear Aperture (%) 90
Back Surface: Commercial Polish
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
Wavelength Range (nm): 600 - 1000
Surface Flatness (P-V): λ/10
Coating Type: Ultrafast-Enhanced Silver
Coating: Ultrafast-Enhanced Silver (600-1000nm)
Diameter (mm): 12.70 +0.00/-0.10
Thickness (mm): 6.35 ±0.20
Substrate: Fused Silica (Coming 7980)
Damage Threshold, Reference: 0.3 J/cm² @ 800nm, 48fs, 1 pulse (typical) 0.16 J/cm² @ 800nm, 48fs, 100Hz, 1000 pulses (typical)
Edges: Ground, protective bevel as needed

Regulatory Compliance

RoHS 2015: Compliant
Reach 223: Compliant
Certificate of Conformance: View