

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



Stock **#13-059** ☐ In Stock

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1

+

C\$119.00

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Surface Quality:
10-5

Type:
Flat Mirror

Parallelism (arcmin):
<3

Clear Aperture (%):

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](#) (Corning 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](#)