

TECHSPEC®

800-1150nm, 50.8mm Dia. x 50mm EFL, Ultrafast-Enhanced Silver Concave Mirror



TECHSPEC® Ultrafast-Enhanced Silver Concave Laser Mirrors

Stock #17-273 ☐ In Stock

-

1

+

C\$354.20

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Qty 1-5

C\$354.20

Qty 6+

C\$313.60

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

Surface Quality:
20-10

Diameter (mm):
50.80 +0.00/-0.2

Effective Focal Length EFL (mm): 50.00
Radius of Curvature (mm): 100.00
Coating: Ultrafast-Enhanced Silver (800-1150nm)
Coating Specification: R_{avg} >99% @ 850 - 1100nm, 0° R_s >99% @ 800 - 1150nm, 45° R_p >98.5% @ 850 - 1100nm, 45°
GDD Specification: 0 ±30 fs² @ 800 - 1150nm
Coating Type: Ultrafast-Enhanced Silver
Clear Aperture (%): >90
Edge Thickness ET (mm): 10 ±0.20
Type: Concave Mirror
Wavelength Range (nm): 800 - 1150
Irregularity (P-V) @ 632.8nm: 0.15λ
Power (P-V) @ 632.8nm: 2 Rings
Damage Threshold, Reference: 0.4 J/cm² @ 1030nm, 200fs, 1 pulse (typical) 0.18 J/cm² @ 1030nm, 200fs, 100Hz, 1000 pulses (typical)

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View