

TECHSPEC® 50.8mm Dia. x 500mm EFL, 1064nm 0-45°, Concave Laser Line Mirror



Laser Line Concave Mirrors

Stock **#11-346** ☒ In Stock

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1

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€237,00

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Qty 1-4

€237,00

Qty 5+

€213,00

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⚠ Prices shown are exclusive of VAT/local taxes

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Design Wavelength DWL (nm):
1064

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

Surface Quality:
20-10

Diameter (mm): 50.80 +0.00/-0.20
Effective Focal Length EFL (mm): 500.00
Radius of Curvature (mm): 1,000.00
Coating: Laser Mirror (1064nm)
Coating Specification: R_{abs} >99.80% @ 1064nm (0-45° AOI)
Coating Type: Dielectric
Back Surface: Fine Grind
Center Thickness CT (mm): 9.68
Clear Aperture (%): 90
Edge Thickness ET (mm): 10.00 ±0.20
Radius R₁ (mm): 1,000.00
Type: Concave Mirror
Wavelength Range (nm): 1046 - 1074
Irregularity (P-V) @ 632.8nm: 3λ/20
Damage Threshold, Reference: 1 MW/cm² @ 1064nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View