

760 - 840nm, 25.4mm Dia. x 5.00mm Thickness, Ultrafast Laser Line Mirror



Stock **#85-103** CLEARANCE CONTACT US

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Surface Quality:
20-10

Type:
Laser Mirror

Typical Applications:
Ti:Sapphire 1st Harmonic

Parallelism (arcmin):
<1

Clear Aperture (%):
>80

Durability: ML-C-675A
Back Surface: Commercial Polish
Coating Specification: R_{avg} >99% @ 760 - 840nm
GDD Specification: 0 ±30fs² @ 740-860nm
Wavelength Range (nm): 760 - 840
Surface Flatness (P-V): λ/8
Coating Type: Dielectric
Coating: Ultrafast (760-840nm)
Design Wavelength DWL (nm): 800
Diameter (mm): 25.40 +0.0/-0.1
Thickness (mm): 5.00 ±0.1
Angle of Incidence (°): 45
Substrate: Fused Silica (Corning 7980)
Damage Threshold, By Design: 1000-on-1: >0.25 J/cm² @ 800nm, 100fs, 100Hz

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant