

TECHSPEC® 1000 - 1060nm, 12.7mm Dia., Ultrafast Mirror



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Surface Quality:
10-5

Type:
Laser Mirror

Typical Applications:
Yb:doped Lasers 1st Harmonic

Clear Aperture (%):

80
Back Surface: Commercial Polish
Coating Specification: Rs >99.95% @ 1000 - 1060nm Rp >99.9% @ 1000 - 1060nm
GDD Specification: 0 ±20fs ² @ 1000 - 1060nm (s-pol & p-pol)
Wavelength Range (nm): 1000 - 1060
Surface Flatness (P-V): λ/8
Coating Type: Dielectric
Coating: Ultrafast (1000-1060nm)
Design Wavelength DWL (nm): 1030
Diameter (mm): 12.70 +0.00/-0.10
Thickness (mm): 6.35 ±0.10
Angle of Incidence (°): 45
Substrate: ☐ Fused Silica (Corning 7980)
Parallelism (arcsec): <10
Damage Threshold, By Design: ☐ 0.45 J/cm ² @ 1030nm, 207fs, 1 pulse 0.35 J/cm ² @ 1030nm, 207fs, 1,000 pulses

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View