

TECHSPEC®

241 - 271nm, 25.4mm Dia., Ultrafast Mirror



Stock #11-735 ☐ In Stock

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1

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C\$317.80

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Surface Quality:
10-5

Type:
Laser Mirror

Typical Applications:
Ti:Sapphire 3rd Harmonic

Clear Aperture (%):

>80
Coating Specification: R _s >98.5% @ 235 - 280nm R _p >97.5% @ 241 - 271nm
GDD Specification: 0 ±10fs ² @ 241 - 271nm
Wavelength Range (nm): 241 - 271
Surface Flatness (P-V): λ/10 over central 15mm
Coating Type: Dielectric
Coating: Ultrafast (241-271nm)
Design Wavelength DWL (nm): 266
Diameter (mm): 25.40 +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:  0.26 J/cm ² @ 258nm, 177fs FWHM, P-polarization, 1 pulse (typical) 0.2 J/cm ² @ 258nm, 177fs FWHM, 10kHz P-polarization, 1000 pulses (typical) 0.3 J/cm ² @ 258 nm, 1 ps FWHM, 100 Hz P-polarization, 1000 pulses

Regulatory Compliance

RoHS 2015: Compliant
Reach 205: Compliant
Certificate of Conformance: View