

TECHSPEC® 800nm, 25.4mm Dia., 45° Ultrafast High Energy Mirror



Stock **#36-409** 3-4 DAYS

⊖ 1 ⊕ **£247.35**

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Qty 1-5
£247.35

Qty 6+
£217.60

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ⓘ Prices shown are exclusive of VAT/local taxes

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Surface Quality:
10-5

Type:
Laser Mirror

Typical Applications:
Ti:Sapphire 1st Harmonic

Parallelism (arcmin): <5
Clear Aperture (%): 85
Back Surface: Commercial Polish
Coating Specification: R _{avg} ≥99.5% @ 780 - 820nm
Wavelength Range (nm): 780 - 820
Surface Flatness (P-V): λ/6
Coating Type: Dielectric
Coating: Ultrafast (780-820nm)
Design Wavelength DWL (nm): 800
Diameter (mm): 25.40 +0.00/-0.13
Thickness (mm): 9.52 ±0.25
Angle of Incidence (°): 45
Substrate: ☐ Fused Silica (Corning 7980)
Damage Threshold, By Design: ☐ 0.79 J/cm ² @ 800nm, 200fs FWHM, 100Hz, Linear Polarization, 1 pulse (typical) 0.7 J/cm ² @ 800nm, 200fs FWHM, 100Hz, linear polarization, 1000 pulses (typical)

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View