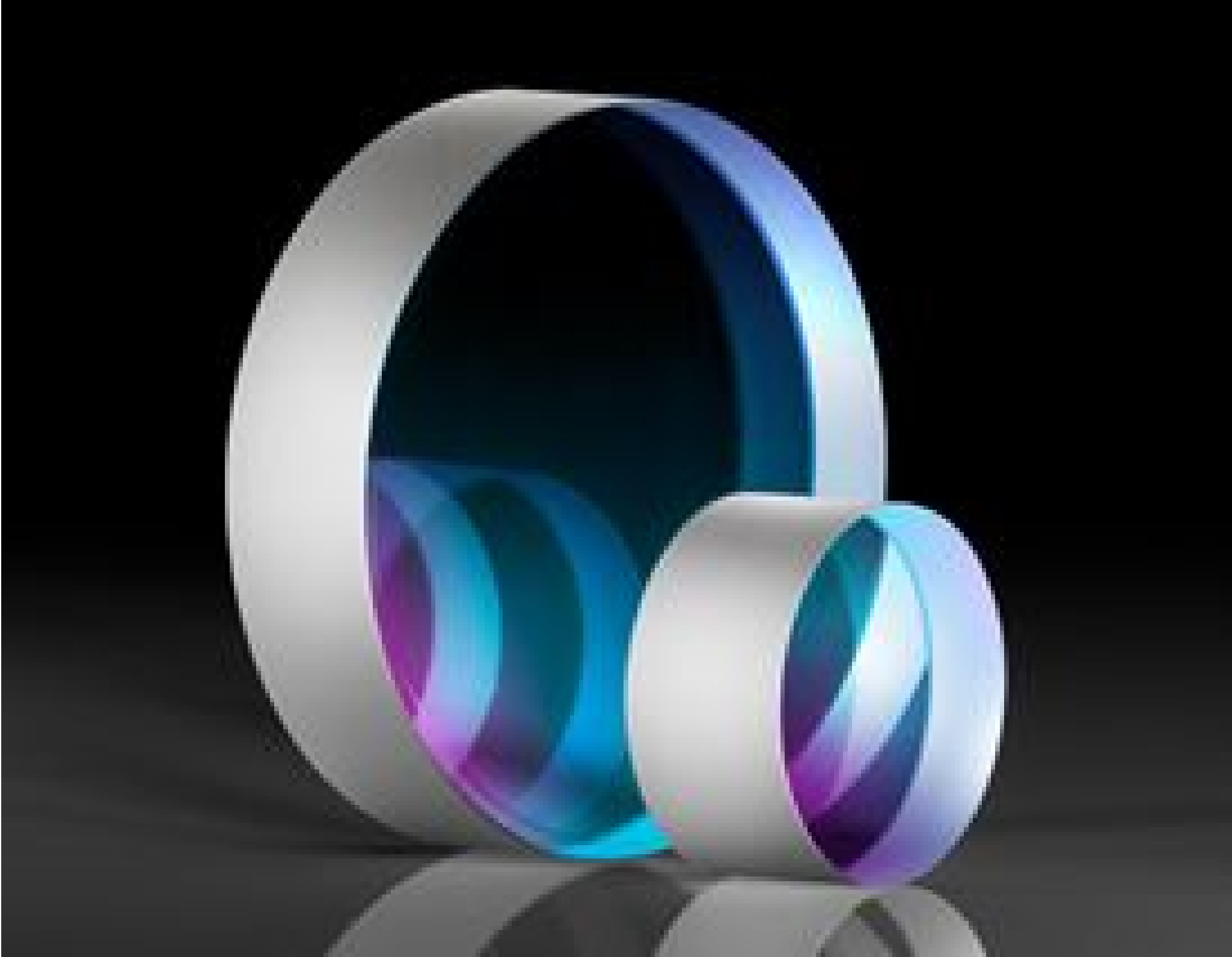


TECHSPEC® 500 - 530nm, 25.4mm Dia., Ultrafast Mirror



Stock #12-834 3-5 DAYS

- 1 + **A\$340.80**

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Surface Quality:
20-10

Type:
Laser Mirror

Typical Applications:
Yb:doped Lasers 2nd Harmonic

Parallelism (arcmin):

<3
Clear Aperture (%) :>90
Back Surface :Commercial Polish
Coating Specification : R _s >99.75% @ 500 - 530nm R _p >99.5% @500 - 530nm
GDD Specification : 0 ±20fs ² @ 500 - 530nm (s-pol & p-pol)
Wavelength Range (nm) : 500 - 530
Surface Flatness (P-V) : λ/8
Coating Type : Dielectric
Coating : Ultrafast (500-530nm)
Design Wavelength DWL (nm) : 515
Diameter (mm) : 25.40 +0.00/-0.10
Thickness (mm) : 6.35 ±0.20
Angle of Incidence (°) : 45
Substrate : ☐ Fused Silica (Corning 7980)
Damage Threshold, By Design : ☐ 0.17 J/cm ² @ 515nm, 178fs, 1 pulse (typical) 0.15 J/cm ² @ 515nm, 178fs, 10kHz, 1000 pulses (typical) 0.2 J/cm ² @ 515 nm, 1 ps FWHM, 100 Hz, P-Polarization, 1000 pulses

Regulatory Compliance

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