

TECHSPEC® 515, 1030nm, 25.4mm Dia., Dual Band Low GDD Mirror



Stock **#17-287** 3-4 DAYS

⊖ 1 ⊕ **€327,00**

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Qty 1-5
€327,00
Qty 6+
€288,00
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Angle of Incidence (°):
45

Coating:
Ultrafast (500-540, 1000-1070nm)

Design Wavelength DWL (nm):
515, 1030

Diameter (mm):

25.40 +0/-0.1
Substrate: Fused Silica (Coming 7980)
Surface Quality: 10-5
Thickness (mm): 6.35 ±0.20
Type: Laser Mirror
Typical Applications: Beam transport of 1st and 2nd harmonic of Yb:doped lasers
Parallelism (arcmin): <3
Clear Aperture (%): >86
Back Surface: Commercial Polish
Coating Specification: R _s >99.9% @500-540nm R _p >99.8% @507-527nm R _s >99.9% @1000-1070nm R _p >99.8% @1005-1070nm
Wavelength Range (nm): 500 - 540, 1000 - 1070
Surface Flatness (P-V): <λ/6 @ 632.8nm over 20mm aperture
Coating Type: S1: Dielectric S2: Stress-compensating
GDD Specification: <35fs ² @ 500 - 540nm (s-pol) <50fs ² @ 510 - 525nm (p-pol) <20fs ² @ 1000 - 1070nm (s-pol) <40fs ² @ 1010 - 1055nm (p-pol)

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View