

TECHSPEC® 12.7mm Dia., 650 - 1050nm, 50R:50T, Ultrafast Beamsplitter



TECHSPEC® Ultrafast Beamsplitters

Stock **#13-833** ☐ In Stock

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1

+

C\$310.80

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Qty 1-4

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Angle of Incidence (°):
45

Diameter (mm):
12.70 +0.00/-0.10

Substrate: ☐
[Fused Silica](#) (Corning 7980)

Surface Quality:

10-5
Thickness (mm): 3.00 ±0.10
Type: Ultrafast Non-Polarizing Beamsplitter
Clear Aperture (%): 80
Parallelism (arcsec): <10
Reflection/Transmission Ratio (R/T): 50/50
Coating Specification: Surface 1: R _{avg} = 50±3% @ 650 - 1050nm R _p = 35±3% @ 650 - 1050nm R _s = 67±3% @ 650 - 1050nm Surface 2: R _s <2% @ 650 - 1100nm R _p <1.5% @ 650 - 1100nm
Wavelength Range (nm): 650 - 1050
GDD Specification: Transmission: ±15 fs ² @ 650 - 1100nm Reflectivity: ±15 fs ² @ 650 - 1100nm
Transmitted Wavefront Distortion: λ/8 @ 632.8nm
Reflected Wavefront Distortion: <λ/6 @ 632.8nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View