

TECHSPEC® 25.4mm Dia., 550 - 1050nm, 50R:50T, Ultrafast Beamsplitter



TECHSPEC® Ultrafast Beamsplitters

Stock **#17-068** [CONTACT US](#)



1



£490.45

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Qty 1-9

£490.45

Qty 10+

£433.50

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Angle of Incidence (°):
45

Diameter (mm):
25.40 +0.00/-0.05

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

Surface Quality: 10-5 (substrate)
Thickness (mm): 6.35 ±0.20
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% @ 550 - 1050nm R _p = 35±3% @ 550 - 1050nm R _s = 67±3% @ 550 - 1050nm Surface 2: R _s <2% @ 550 - 1050nm R _p <1.5% @ 550 - 1050nm
Wavelength Range (nm): 550 - 1050
GDD Specification: Transmission: 0 fs ² @ 550 - 1050nm Reflectivity: 0 fs ² @ 550 - 1050nm
Transmitted Wavefront Distortion: <λ/10 @ 632.8nm
Reflected Wavefront Distortion: <λ/10 @ 632.8nm

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant