

TECHSPEC[®] 12.7mm Dia., 515nm, λ/10 Ultra-Low Reflectivity Window



λ/10 Ultra-Low Reflectivity Windows

Stock #11-251

CLEARANCE

3-4 DAYS

⊖

1

⊕

£59.46

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Qty 1+

£59.46

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Angle of Incidence (°):
0

Bevel:
Protective as needed

Clear Aperture CA (mm):
11.43

Coating:
Laser Ultra V-Coat (515nm)

Coating Specification: R_{abs} <0.10% @ 515nm
Diameter (mm): 12.70 +0.00/-0.10
Thickness (mm): 6.35 ±0.20
Design Wavelength DWL (nm): 515
Parallelism (arcmin): <3
Substrate: Fused Silica (Corning 7980)
Fused Silica Grade: 7980 0F
Surface Flatness (P-V): λ/10
Surface Quality: 10-5
Type: Laser Line Window
Young's Modulus (GPa): 73
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)
Density (g/cm³): 2.20
Index of Refraction n_d: 1.458
Poisson's Ratio: 0.16
Abbe Number (v_d): 67.8
Edges: Fine Ground
Damage Threshold, By Design: ☐ 10 J/cm² @ 515nm, 20ns, 20Hz

Regulatory Compliance

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