

TECHSPEC[®] 25.4mm Dia., 6.35mm Thick, 1064nm, Nd:YAG IBS Laser Line Window



TECHSPEC[®] IBS Laser Line Windows

Stock #12-989 3-4 DAYS

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1

+

£120.00

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Qty 1-5

£120.00

Qty 6+

£95.00

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Angle of Incidence (°):
0

Bevel:
Protective as needed

Clear Aperture CA (mm):
22.86

Coating: Laser Ultra V-Coat, IBS (1064nm)
Coating Specification: R_{abs} <0.10% @ 1064nm
Diameter (mm): 25.40 +0.00/-0.10
Thickness (mm): 6.35 ±0.20
Design Wavelength DWL (nm): 1064
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, Certified: ☐ 15 J/cm² @ 1064nm, 20ns, 20Hz

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View