

TECHSPEC®

12.5mm Sq., 1.5mm Thick, UV-VIS Coated λ/10 Fused Silica Window



Stock **#24-297**

3-4 DAYS

-

1

+

£121.13

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Qty 1-5
£121.13
Qty 6+
£96.90
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Abbe Number (v_d):

67.8

Bevel:

Protective as needed

Clear Aperture (%):

90

Clear Aperture CA (mm): 11.25 x 11.25
Dimensions (mm): 12.50 x 12.50 +0.00/-0.20
Thickness (mm): 1.50 ±0.10
Coating: UV-VIS (250-700nm)
Coating Specification: R_{abs} ≤1.0% @ 350 - 450nm R_{avg} ≤1.5% @ 250 - 700nm
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
Edges: Fine Ground
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcsec): <5
Poisson's Ratio: 0.16
Substrate: Fused Silica Coming 7980
Surface Quality: 20-10
Transmitted Wavefront, P-V: λ/10
Type: Protective Window
Wavelength Range (nm): 250 - 700
Young's Modulus (GPa): 73
Damage Threshold, Reference: 3 J/cm² @ 355nm, 10ns 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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