

TECHSPEC® 12.5mm Dia. 2mm Thick YAG-BBAR Coated, 1λ Fused Silica Window



TECHSPEC® 1λ UV Fused Silica Windows

Stock **#25-216** NEW 10 TO 12 DAYS

- 1 + **₹7,700.00**

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Qty 1-5
₹7,700.00
Qty 6+
₹6,155.00
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Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm): 11.25
Diameter (mm): 12.50 +0.00/-0.20
Thickness (mm): 2.00 ±0.38
Coating: YAG-BBAR (500-1100nm)
Coating Specification: R _{abs} ≤0.25% @ 532nm R _{abs} ≤0.25% @ 1064nm R _{avg} ≤1.0% @ 500 - 1100nm
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 (arcmin): <5
Poisson's Ratio: 0.16
Substrate: Fused Silica (Corning 7980)
Surface Flatness (P-V): 1λ
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 500 - 1100
Young's Modulus (GPa): 73
Damage Threshold, Reference:  5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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