

TECHSPEC®

25mm Dia., 3mm Thick, UV-VIS Coated λ/10 Fused Silica Window



Stock **#48-066** ☐ In Stock

-

1

+

€157,50

ADD TO CART

Qty 1-5
€157,50
Qty 6+
€126,00
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
80

Clear Aperture CA (mm): 20.00
Diameter (mm): 25.00 +0.00/-0.20
Thickness (mm): 3.00 ±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 (Corning 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