

TECHSPEC® 50.8mm Dia., 5mm Thick, VIS 0° Coated λ/10 Fused Silica Window



Stock #15-413 3-5 DAYS

⊖ 1 ⊕ **S\$373.38**

ADD TO CART

Qty 1-5

S\$373.38

Qty 6+

S\$298.70

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Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
80

Clear Aperture CA (mm):
40.64

Diameter (mm):
50.80 +0.00/-0.20

Thickness (mm):
5.00 ±0.10

Coating:
MS 0° (425-675nm)

Coating Specification:
R_{avg} ≤0.4% @ 425 - 675nm

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):
425 - 675

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](#)