TECHSPEC® 5mm Dia. Uncoated, λ/20 Fused Silica Window

Uncoated λ/20 Fused Silica Window

Stock **#65-850** 3-5 DAYS

- 1 + **A$196.00**

ADD TO CART

Qty 1-5

A$196.00

Qty 6+

A$176.80

Volume Pricing

Request Quote

Get Product Downloads

Angle of Incidence (°):
0

Bevel:
Protective as needed

Clear Aperture CA (mm):
4.50

Coating:
Uncoated

Diameter (mm):
5.00 +0.00/-0.10

Thickness (mm):
3.00 ±0.10

Parallelism (arcsec):
≤5

Substrate:
Fused Silica Excimer Grade (Corning 7980 KrF)

Fused Silica Grade:
7980 KrF 0A

Surface Quality:
10-5

Transmitted Wavefront, P-V:
λ/20

Type:
Laser Line Window

Wavelength Range (nm):
200 - 2200

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/cm^3):
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, By Design:
5 J/cm^2 @ 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Reach 211:
Compliant

Certificate of Conformance:
View