

TECHSPEC® 50mm Dia. 5mm Thick Uncoated, 1λ Fused Silica Window



Stock **#19-844** 3-4 DAYS

⊖ 1 ⊕ **€107,50**

ADD TO CART

Qty 1-5
€107,50
Qty 6+
€86,00
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 (%):
90

Clear Aperture CA (mm): 45.00
Diameter (mm): 50.00 +0.00/-0.20
Thickness (mm): 5.00 ±0.38
Coating: Uncoated
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 Quality: 60-40
Transmitted Wavefront, P-V: 1λ
Type: Protective Window
Wavelength Range (nm): 200 - 2200
Young's Modulus (GPa): 73

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View