

In order to provide more accurate inventory information, please select your shipping country.

Select Your Country/Region: European Union

SUBMIT

TECHSPEC® 75mm Dia. 5mm Thick MgF₂ Coated, 1X Fused Silica Window



Stock #11-929 3-4 DAYS



1



€192,50

ADD TO CART

Qty 1-5

€192,50

Qty 6+

€154,00

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): 67.50
Diameter (mm): 75.00 +0.00/-0.20
Thickness (mm): 5.00 ±0.38
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @400 - 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 (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): 400 - 700
Young's Modulus (GPa): 73
Damage Threshold, By Design: ☐ 10 J/cm² @532nm, 10ns

Regulatory Compliance

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