

TECHSPEC® 1050nm, 25mm Diameter, Dichroic Shortpass Filter



TECHSPEC Dichroic Shortpass Filters

Stock **#86-690** 3-4 DAYS



1



€176,00

ADD TO CART

Qty 1-5

€176,00

Qty 6+

€137,00

Volume Pricing

[Request Quote](#)

⚠ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.00

Angle of Incidence (°):
45

Cut-Off Wavelength (nm):
1,050.00

Substrate: Fused Silica (Corning 7980)
Coating: Hard Coated
P-Polarization Transmission (%) : >80
Reflection (%) : >97 Average Polarization
Reflection Wavelength (nm) : 1102 - 1365
S-Polarization Transmission (%) : >80
Surface Quality : 60-40
Thickness (mm) : 1.05
Thickness Tolerance (mm) : ±0.1
Transmission (%) : >85 Average Polarization
Transmission Wavelength (nm) : 546 - 1008
Type : Dichroic Filter
Dimensional Tolerance (mm) : +0.0/-0.2
Transmitted Wavefront, RMS : λ/4
Cut-Off Tolerance (%) : ±2
S-Polarization Reflection (%) : >95
P-Polarization Reflection (%) : >95
Environmental Durability : Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
Physical Durability : Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
Coating Specification : Surface 1: Hard Dielectric Sputtered Surface 2: MgF ₂
Wavelength Range (nm) : 546 - 1365

Regulatory Compliance

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