

TECHSPEC® 700nm, 25.2 x 35.6mm, Dichroic Shortpass Filter



TECHSPEC Dichroic Shortpass Filters

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C\$232.40

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Dimensions (mm):
25.2 x 35.6

Angle of Incidence (°):
45

Cut-Off Wavelength (nm):
700.00

Substrate: Fused Silica (Coming 7980)
Length (mm): 35.60
Coating: Hard Coated
P-Polarization Transmission (%): >80
Reflection (%): >97 Average Polarization
Reflection Wavelength (nm): 725 - 900
S-Polarization Transmission (%): >80
Surface Quality: 60-40
Thickness (mm): 1.05
Thickness Tolerance (mm): ±0.1
Transmission (%): >85 Average Polarization
Transmission Wavelength (nm): 400 - 680
Type: Dichroic Filter
Width (mm): 25.20
Dimensional Tolerance (mm): +0.0/-0.2
Transmitted Wavefront, RMS: λ/4
Slope Factor (%): 3.00
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-48497ASection 4.5.4.2
Coating Specification: Surface 1: Hard Dielectric Sputtered Surface 2: MgF₂
Wavelength Range (nm): 400 - 900

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant