

TECHSPEC® 900nm, 12.5mm Diameter, Dichroic Longpass Filter



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1

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C\$175.00

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Diameter (mm):
12.50

Angle of Incidence (°):
45

Cut-On Wavelength (nm):
900.00

Substrate: ☐

Fused Silica (Corning 7980)
Coating: Hard Coated
Reflection (%) : >97, Average Polarization >95, Absolute Polarization
Reflection Wavelength (nm): 675 - 855
Surface Quality: 60-40
Thickness (mm): 1.05
Thickness Tolerance (mm): ±0.1
Transmission (%) : >85, Average Polarization >80, Absolute Polarization
Transmission Wavelength (nm): 935 - 1600
Type: Dichroic Filter
Dimensional Tolerance (mm): +0.0/-0.2
Transmitted Wavefront Tolerance: λ/4
Cut-On Tolerance (%) : ±2
Slope Factor (%) : 3.00
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
Wavelength Range (nm): 675 - 1600
Wavelength Range (µm): 0.675 - 1.6

Regulatory Compliance

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