

TECHSPEC® 1100nm, 12.5mm Diameter, Dichroic Longpass Filter



Stock **#87-030** ☐ In Stock

-

1

+

C\$180.60

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Qty 1-5

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Qty 6+

C\$144.20

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Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
45

Cut-On Wavelength (nm):
1,100.00

Substrate: ☐

[Fused Silica](#) (Corning 7980)

Coating: Hard Coated
Reflection (%) : >97, Average Polarization >95, Absolute Polarization
Reflection Wavelength (nm) : 825 - 1045
Surface Quality : 60-40
Thickness (mm) : 1.05
Thickness Tolerance (mm) : ±0.1
Transmission (%) : >85, Average Polarization >80, Absolute Polarization
Transmission Wavelength (nm) : 1135 - 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) : 825 - 1600
Wavelength Range (μm) : 0.825 - 1.6

Regulatory Compliance

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