

TECHSPEC® 800nm, 12.5mm Diameter, Dichroic Longpass Filter



Stock **#69-872** ☐ In Stock

- 1 + **€125,00**

ADD TO CART

Qty 1-5
€125,00

Qty 6+
€100,00

Volume Pricing
Request Quote

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
12.50

Angle of Incidence (°):
45

Cut-On Wavelength (nm):
800.00

Substrate: Fused Silica (Coming 7980)
Coating: Hard Coated
Reflection (%): >97, Average Polarization >95, Absolute Polarization
Reflection Wavelength (nm): 600 - 760
Surface Quality: 60-40
Thickness (mm): 1.05
Thickness Tolerance (mm): ±0.1
Transmission (%): >85, Average Polarization >80, Absolute Polarization
Transmission Wavelength (nm): 830 - 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-48497ASection 4.5.4.2
Wavelength Range (nm): 600 - 1600
Wavelength Range (μm): 0.6 - 1.6

Regulatory Compliance

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