

TECHSPEC[®] 450nm, 25.2 x 35.6mm High Performance Fluorescence Dichroic Filter



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1

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C\$651.00

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Dimensions (mm):
25.2 x 35.6

Angle of Incidence (°):
45

Cut-On Wavelength (nm):
450.00

Substrate: ☐

Fused Silica (Corning 7980)
Length (mm): 35.60
Coating: Hard Coated
Reflection (%): R _{avg} >98%
Reflection Wavelength (nm): 350 - 430
Surface Quality: 40-20
Thickness (mm): 1.05 ±0.1
Transmission (%): T _{avg} >90%
Transmission Wavelength (nm): 457 - 850
Type: Dichroic Filter
Width (mm): 25.20
Dimensional Tolerance (mm): +0.0/-0.2
Transmitted Wavefront, RMS: λ/10
Environmental Durability: Humidity per ML-STD-810H, Section 507.6 Temperature per ML-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): 350 - 850
Surface Flatness (P-V): λ/2

Regulatory Compliance

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