

TECHSPEC® 409nm, 12.5 x 17.6mm High Performance Fluorescence Dichroic Filter



Stock #34-724 3-4 DAYS

⊖ 1 ⊕ **€286,00**

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Qty 1-5

€286,00

Qty 6+

€229,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Dimensions (mm):
12.5 x 17.6

Angle of Incidence (°):
45

Cut-On Wavelength (nm):
409.00

Substrate: [Fused Silica](#) (Corning 7980)

Length (mm):
17.60

Coating:
Hard Coated

Reflection (%):
 $R_{avg} > 98\%$

Reflection Wavelength (nm):
325 - 404

Surface Quality:
40-20

Thickness (mm):
 1.05 ± 0.1

Transmission (%):
 $T_{avg} > 90\%$

Transmission Wavelength (nm):
415 - 850

Type:
Dichroic Filter

Width (mm):
12.50

Dimensional Tolerance (mm):
 $+0.0/-0.2$

Transmitted Wavefront, RMS:
 $\lambda/10$

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):
325 - 850

Surface Flatness (P-V):
 $\lambda/2$

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Compliant](#)