

TECHSPEC® 452nm CWL, 12.5mm Dia, 45nm Bandwidth, OD 6 Fluorescence Filter



Stock #86-340 In Stock

⊖ 1 ⊕ **€249,00**

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Qty 1-5

€249,00

Qty 6+

€207,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.50 +0.00/-0.10

Angle of Incidence (°):
0 ±5

Bandwidth (nm):
45.00

OD 6 Blocking Wavelength Range (nm):
370 - 410

Optical Density OD (Average):
≥6.0

Clear Aperture CA (mm):
8.69

Center Wavelength CWL (nm):
452.00

Full Width-Half Max FWHM (nm):
51.00

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

Minimum Transmission (%):
>93

Coating:
Hard Coated

Surface Quality:
60-40

Thickness Tolerance (mm):
±0.1

Transmission (%):
>93

Type:
Bandpass Filter

Blocking Wavelength Range (nm):
250 - 1100

Construction:
Mounted in Black Anodized Ring

Transmitted Wavefront, RMS:
λ/4 (prior to coating)

Compatible Fluorophore:
DiA Excitation

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

Mount Thickness (mm):
3.5 ±0.1

Substrate Thickness (mm):
2.00 ±0.25

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Compliant](#)