

TECHSPEC® 530nm CWL, 12.5mm Dia, 55nm Bandwidth, OD 6 Fluorescence Filter



Stock **#87-736** 10 TO 12 DAYS

⊖ 1 ⊕ **₹21,663.00**

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Qty 1-5
₹21,663.00
Qty 6+
₹18,009.00
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Diameter (mm):
12.50 +0.00/-0.10

Angle of Incidence (°):
0 ±5

Bandwidth (nm):
55.00

OD 6 Blocking Wavelength Range (nm):

400 - 485 & 569 - 750

Optical Density OD (Average):
≥6.0

Clear Aperture CA (mm):
8.69

Center Wavelength CWL (nm):
530.00

Full Width-Half Max FWHM (nm):
62.00

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

Minimum Transmission (%):
93

Coating:
Hard Coated

Surface Quality:
60-40

Thickness Tolerance (mm):
±0.1

Transmission (%):
93.00

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:
Alexa Fluor® 532 Excitation / Thiazole Orange
Emission

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 ML-PRF-13830B, Section C.4.5.12
Moderate abrasion per ML-PRF-13830B, Section
C.4.5.11
Cleaning per ML-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 240:
[Compliant](#)