

**TECHSPEC® 543nm CWL, 12.5mm Dia, 22nm Bandwidth, OD 6 Fluorescence Filter**



Stock #67-018 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):**  
22.00

**OD 6 Blocking Wavelength Range (nm):**

250 - 518 & 565 - 750

**Optical Density OD (Average):**  
≥6.0

**Clear Aperture CA (mm):**  
8.69

**Center Wavelength CWL (nm):**  
543.00

**Full Width-Half Max FWHM (nm):**  
27.00

**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:**  
YFP Emission / TRITC Excitation

**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](#)