

TECHSPEC® 575nm CWL, 50mm Dia, 27nm Bandwidth, OD 6 Fluorescence Filter



Stock **#33-334** ☐ In Stock

[Additional Bandwidths](#)

1 **C\$1,187.20**

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C\$975.80
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Diameter (mm):
50.00 +0.00/-0.10

Angle of Incidence (°):
0 ±5

Bandwidth (nm):
27.00

OD 5 Blocking Wavelength Range (nm) : 597 - 638 & 800 - 925
OD 6 Blocking Wavelength Range (nm): 300 - 541 & 638 - 800
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 45.21
Center Wavelength CWL (nm): 575.00
Full Width-Half Max FWHM (nm): 35.00
Substrate:  BOROFLOAT®
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® 568 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