

TECHSPEC® 440, 521, 607 & 700nm, 50mm Dia., Quad-Band Filter



Multi-Band Fluorescence Bandpass Filters

Stock **#87-255** ☐ In Stock

⊖ 1 ⊕ **C\$1,730.40**

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Qty 1-9
C\$1,730.40
Qty 10+
C\$1,442.00
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Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
0

Bandwidth (nm):
40 @ 440nm
21 @ 521nm

34 @ 607nm 45 @ 700nm
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 45.34
Substrate:  Fused Silica (Corning 7980)
Coating: Hard Coated
Surface Quality: 60-40
Transmission (%): >90
Type: Bandpass Filter
Blocking Wavelength Range (nm): 250 - 1100
Construction: Mounted in Black Anodized Ring
Compatible Fluorophore: DAPI/FITC/TRITC/CY5 Emission
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
Multi-Band Center Wavelengths (nm): 440, 521, 607, 700

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant