

TECHSPEC® 464, 542 & 639nm, 50mm Dia., Tri-Band Filter



Multi-Band Fluorescence Bandpass Filters

Stock **#87-254** 10 TO 12 DAYS

⊖ 1 ⊕ **₹95,004.00**

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Qty 1-9
₹95,004.00
Qty 10+
₹78,996.00
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Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
0

Bandwidth (nm):
23 @ 464nm
27 @ 542nm

42 @ 639nm
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: CFP/YFP/Texas Red 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
Multi-Band Center Wavelengths (nm): 464, 542, 639

Regulatory Compliance

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