

TECHSPEC®

483nm CWL, 12.5mm Dia, 31nm Bandwidth, Unmounted OD 6 Fluorescence Bandpass Filter



Stock #18-371 3-5 DAYS

[Additional Bandwidths](#)

- 1 +

A\$392.00

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Qty 1-5
A\$392.00
Qty 6+
A\$329.60
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Diameter (mm):
12.50 ±0.1

Angle of Incidence (°):
0 ±5

Bandwidth (nm): 31.00
OD 6 Blocking Wavelength Range (nm): 250 - 455 & 510 - 660
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 11.25
Center Wavelength CWL (nm): 482.50
Full Width-Half Max FWHM (nm): 36.00
Substrate:  Fused Silica (Corning 7980)
Minimum Transmission (%): 93
Coating: Hard Coated
Surface Quality: 60-40
Thickness (mm): 2.00 ±0.1
Type: Bandpass Filter
Blocking Wavelength Range (nm): 250 - 1100
Construction: Unmounted
Transmitted Wavefront, RMS: λ/4 (prior to coating)
Compatible Fluorophore: FITC Excitation / CFP 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
Bevel: Protective bevel as needed

Regulatory Compliance

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