

TECHSPEC[®]

448nm CWL, 12.5mm Dia, 20nm Bandwidth, Unmounted OD 6 Fluorescence Bandpass Filter



Stock #18-369 3-4 DAYS

[Additional Bandwidths](#)



1



£208.25

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Qty 1-5

£208.25

Qty 6+

£175.10

Volume Pricing

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Diameter (mm):
12.50 ±0.1

Angle of Incidence (°):

0 ±5
Bandwidth (nm): 20.00
OD 6 Blocking Wavelength Range (nm): 250 - 423 & 471 - 950
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 11.25
Center Wavelength CWL (nm): 448.00
Full Width-Half Max FWHM (nm): 25.00
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: 442nm Laser Excitation
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