

TECHSPEC®

832nm CWL, 12.5mm Dia, 37nm Bandwidth, Unmounted OD 6 Fluorescence Bandpass Filter



Stock #18-383 3-4 DAYS

[Additional Bandwidths](#)



1



£216.75

ADD TO CART

Qty 1-5

£216.75

Qty 6+

£182.75

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
12.50 ±0.1

Angle of Incidence (°):

0 ±5
Bandwidth (nm): 37.00
OD 6 Blocking Wavelength Range (nm): 550 - 794 & 878 - 1075
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 11.25
Center Wavelength CWL (nm): 832.00
Full Width-Half Max FWHM (nm): 45.00
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: ICG-AExcitation
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