

TECHSPEC®

775nm CWL, 50mm Dia. Hard Coated OD 4.0 25nm Bandpass Filter



Stock **#87-806**

3-5 DAYS

[Additional Bandwidths](#)

-

1

+

A\$976.00

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Qty 1-5

A\$976.00

Qty 6+

A\$771.20

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Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
0

Bandwidth (nm):
20

Optical Density OD (Average): ≥4.0
Clear Aperture CA (mm): 45.0
Center Wavelength CWL (nm): 775.00 ±3
Center Wavelength CWL Tolerance (nm): ±3
Full Width-Half Max FWHM (nm): 25.00 ±3
Full Width-Half Max FWHM Tolerance (nm): ±3
Substrate: ☐ Optical Glass
Minimum Transmission (%): >90
Coating: Hard Coated
Thickness with Mount (mm): 5.00
Surface Quality: 80-50
Type: Bandpass Filter
Typical Applications: IRDye800CW, DyLight 800, Cy7, LIVE/DEAD fixable Near-IR Dead Cell Stain Absorption
Blocking Wavelength Range (nm): 200 - 1200
Construction: Mounted in Black Anodized Ring
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): 5.0 ±0.1
Substrate Thickness (mm): 3.5 ±0.5

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View