

TECHSPEC® 810nm CWL, 50mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock **#88-021** ☐ In Stock

-

1

+

C\$858.20

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Qty 1-5

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Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
0

Optical Density OD (Average):
≥4.0

Clear Aperture CA (mm): 45
Center Wavelength CWL (nm): 810.00 ±2.0
Full Width-Half Max FWHM (nm): 10.00 ±2.0
Full Width-Half Max FWHM Tolerance (nm): ±2.0
Substrate: ☐ Optical Glass
Minimum Transmission (%): >85
Coating: Hard Coated
Surface Quality: 80-50
Thickness Tolerance (mm): ±0.1
Type: Bandpass Filter
Typical Applications: IRDye800RS
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 typical

Regulatory Compliance

RoHS 2015: Compliant
Reach 223: Compliant
Certificate of Conformance: View