

TECHSPEC® 500nm CWL, 12.5mm Dia. Hard Coated OD 4.0 50nm Bandpass Filter



Stock **#84-771** 3-5 DAYS

[Additional Bandwidths](#)

- 1 +

A\$264.00

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Qty 1-5
A\$264.00
Qty 6+
A\$208.00
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Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
0

Bandwidth (nm):
45

Optical Density OD (Average): ≥4.0
Clear Aperture CA (mm): 8.5
Center Wavelength CWL (nm): 500.00
Full Width-Half Max FWHM (nm): 50.00
Substrate: ☐ Optical Glass
Minimum Transmission (%): ≥90
Coating: Hard Coated
Surface Quality: 80-50
Transmission (%): ≥90
Type: Bandpass Filter
Typical Applications: BD Horizon V500, DiO, PKH67, Acridine Orange, ATTO 488, ratiometric pHluorin pH5
Blocking Wavelength Range (nm): 200 - 1200
Construction: Mounted in Black Anodized Ring
Typical Light Sources: 475 and 488nm Laser; 520nm LED
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
Certificate of Conformance: View
Reach 240: Compliant