

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



Stock **#84-771** 3-4 DAYS

[Additional Bandwidths](#)



1



€165,00

ADD TO CART

Qty 1-5
€165,00

Qty 6+
€130,00

Volume Pricing
Request Quote

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



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