

TECHSPEC® 550nm CWL, 50mm Dia. Hard Coated OD 4.0 25nm Bandpass Filter



Stock **#86-667** ☐ In Stock

[Additional Bandwidths](#)

1

C\$817.60

ADD TO CART

Qty 1-5

C\$817.60

Qty 6+

C\$645.40

Volume Pricing

[Request Quote](#)

Get Product Downloads



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): 550.00 ±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
Surface Quality: 80-50
Type: Bandpass Filter
Typical Applications: HiLyte Fluor 555, Magnesium Orange, Acridine Yellow
Blocking Wavelength Range (nm): 200 - 1200
Construction: Mounted in Black Anodized Ring
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-48497ASection 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 233: Compliant