

TECHSPEC® 850nm 50mm Diameter, OD 4.0 Shortpass Filter



High Performance OD 4.0 Shortpass Filters

Stock **#84-730** 10 TO 12 DAYS

⊖ 1 ⊕ **₹48,198.00**

ADD TO CART

Qty 1-5
₹48,198.00
Qty 6+
₹38,541.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.2

Angle of Incidence (°):
0

Optical Density OD (Average):
≥4.0

Cut-Off Wavelength (nm): 850.00
Substrate:  Fused Silica (Corning 7980)
Coating: Hard Coated
Rejection Wavelength (nm): 880 - 1190
Surface Quality: 60-40
Thickness (mm): 5.00
Thickness Tolerance (mm): ±0.1
Transmission (%): ≥91
Transmission Wavelength (nm): 425 - 840
Type: Shortpass Filter
Clear Aperture (%): >80
Transmitted Wavefront, RMS: ≤λ/4 @ 633nm (prior to coating)
Slope Factor (%): <1
Cut-Off Tolerance (%): ±1
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-48497A Section 4.5.4.2
Note: Arrow on part indicates filter coated surface.
Wavelength Range (nm): 425 - 1119

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant