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

High Performance OD 4.0 Shortpass Filters

Stock **#84-730** 3-5 DAYS

- 1 + **A$886.40**

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Qty 1-5
A$886.40

Qty 6+
A$708.80

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CUSTOM OPTIONS

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 235:
Compliant