

## TECHSPEC® 925nm 50mm Dia, High Performance Longpass Filter



High Performance OD 4.0 Longpass Filters

Stock #86-080 10 TO 12 DAYS

⊖ 1 ⊕

**₹46,980**

**ADD TO CART**

Qty 1-5

₹46,980

Qty 6+

₹40,281

Volume Pricing

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**Diameter (mm):**  
50.00 +0.0/-0.2

**Angle of Incidence (°):**  
0

**Optical Density OD (Average):**  
≥4.0

**Cut-On Wavelength (nm):**  
925.00

**Substrate:**   
[Fused Silica](#) (Coming 7980)

**Coating:**  
Hard Coated

**Rejection Wavelength (nm):**  
200 - 905

**Surface Quality:**  
60-40

**Thickness (mm):**  
5.00

**Thickness Tolerance (mm):**  
±0.1

**Transmission (%):**  
≥91

**Transmission Wavelength (nm):**  
940 - 1650

**Type:**  
Longpass Filter

**Clear Aperture (%):**  
>80

**Transmitted Wavefront, RMS:**  
≤λ/4 @ 633nm (prior to coating)

**Cut-On Tolerance (%):**  
±1

**Slope Factor (%):**  
<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.

**Coating Specification:**  
Surface 1: Hard Dielectric Sputtered  
Surface 2: AR Coated

**Wavelength Range (nm):**  
200 - 1650

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**REACH 241:**  
[Compliant](#)