

TECHSPEC[®] 350nm 50mm Dia., High Performance Longpass Filter



High Performance OD 4.0 Longpass Filters

Stock #34-300

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+

₹46,980.00

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₹46,980.00
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₹40,281.00
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Diameter (mm):
50.00 +0/-0.2

Angle of Incidence (°):
0

Optical Density OD (Average):
≥4.0

Cut-On Wavelength (nm): 350.00
Substrate:  Fused Silica (Corning 7980)
Coating: Hard Coated
Rejection Wavelength (nm): 200 - 340
Surface Quality: 60-40
Thickness (mm): 1.50
Thickness Tolerance (mm): ±0.1
Transmission (%): >91
Transmission Wavelength (nm): 358 - 1600
Type: Longpass Filter
Clear Aperture (%): >80
Transmitted Wavefront, RMS: ≤λ/4 @ 633nm (prior to coating)
Cut-On Tolerance (%): ±1
Slope Factor (%): 1.00
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
Coating Specification: Surface 1: Hard Dielectric Sputtered Surface 2: AR Coated
Wavelength Range (nm): 200 - 1600

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant
