

TECHSPEC® 830nm, 50mm Diameter, OD 4.0 Notch Filter



TECHSPEC OD 4.0 Notch Filters

Stock **#86-705** CLEARANCE ☐ In Stock

⊖ 1 ⊕ **C\$1,265.60**

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Qty 1-5
C\$1,265.60
Qty 6+
C\$985.60
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Diameter (mm):
50.00 +0.00/-0.10

Optical Density OD (Average):
≥4.0

Clear Aperture CA (mm):
42.5

Center Wavelength CWL (nm): 830.00
Design Wavelength DWL (nm): 830
Full Width-Half Max FWHM (nm): 42.00
Coating: Hard Coated
Surface Quality: 60-40
Thickness (mm): 5.00
Thickness Tolerance (mm): ±0.1
Transmission (%): 90
Transmission Wavelength (nm): 625 - 1100
Type: Notch Filter
Construction: Mounted in Black Anodized Ring
Reflection at CWL (%): 99
Transmitted Wavefront, RMS: <1λ
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
Mount Thickness (mm): 5.0
Substrate Thickness (mm): 3.5 ±0.5

Regulatory Compliance

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