

TECHSPEC[®] 785nm, 50mm Diameter, Raman Edge Filter



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1

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£1,729.75

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Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Optical Density OD (Average):
≥6.0

Cut-On Wavelength (nm): 792.80
Design Wavelength DWL (nm): 785
Substrate:  Fused Silica (Corning 7980)
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): +0.1/-0.1
Transmission (%): >90
Type: Longpass Filter
Transition Width (nm): <7.8
Clear Aperture (%): >80
Durability: Environmental: MIL-STD-810F Physical: MIL-C-48497A
Transmitted Wavefront, RMS: <λ/4 @ 633nm
Mount Thickness (mm): 3.5
Note: Bandwidth (nm): >700
Coating Specification: T _{abs} ≥93% @ 804 - 900nm T _{avg} ≥90% @ 804 - 1500nm
Wavelength Range (nm): 785 - 1500
Laser Blocking Wavelength (nm): 785.00

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View