

TECHSPEC® 514.5nm, 50mm Diameter, Raman Edge Filter



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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): 519.60
Design Wavelength DWL (nm): 514.5
Substrate:  Fused Silica (Corning 7980)
Coating: Hard Coated
Rejection Wavelength (nm): 416 - 514.5
Surface Quality: 60-40
Thickness Tolerance (mm): +0.1/-0.1
Transmission (%): >93
Type: Longpass Filter
Transition Width (nm): <5.1
Clear Aperture (%): >80
Durability: Environmental: ML-STD-810F Physical: ML-C-48497A
Transmitted Wavefront, RMS: <λ/4 @ 633nm
Mount Thickness (mm): 3.5
Note: Bandwidth (nm): >600
Coating Specification: T _{avg} ≥93% @ 521.2 - 1160.5nm
Wavelength Range (nm): 416 - 1161
Laser Blocking Wavelength (nm): 514.5

Regulatory Compliance

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