

25mm Dia., 514.5nm Laser Line Longpass Filter



Laser Line Longpass Filters

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C\$1,190.70

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Diameter (mm):
25.00 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
>600

OD 6 Blocking Wavelength Range (nm):
416 - 514.5

Optical Density OD (Average):
≥6.0

Clear Aperture CA (mm): 22
Design Wavelength DWL (nm): 514.5
Substrate: ☐ Fused Silica (Corning 7980)
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): ±0.1
Transmission (%): 93.00
Transmission Wavelength (nm): 521.2 - 1160.5
Type: Longpass Filter
Edge Steepness (nm): 2.60
Transition Width (nm): <5.1
Clear Aperture (%): 88
Durability: Environmental: ML-STD-810F, Physical: ML-C-48497A
Temperature Dependence (ppm/°C): <5
Angle Tuning Range, for 0 - 8° Shift: -0.3% of Laser Wavelength
Mount Thickness (mm): 3.5
Laser Blocking Wavelength (nm): 514.5
Damage Threshold, By Design: ☐ 0.5 J/cm ² @ 266nm, 10ns, 10Hz 1 J/cm ² @ 532nm, 10ns, 10Hz

Regulatory Compliance

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