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Laser Line Longpass Filters

Stock #47-506 3-4 DAYS



1



€745,50

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Qty 1+

€745,50

Volume Pricing

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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):
513 - 632.8

Optical Density OD (Average):

≥6.0
Clear Aperture CA (mm): 22
Design Wavelength DWL (nm): 632.8
Substrate: ☐ Fused Silica (Corning 7980)
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): ±0.1
Transmission (%): 93.00
Transmission Wavelength (nm): 641 - 1427.4
Type: Longpass Filter
Edge Steepness (nm): 3.20
Transition Width (nm): <6.3
Clear Aperture (%): 88
Durability: Environmental: MIL-STD-810F, Physical: MIL-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): 632.8
Damage Threshold, By Design: ☐ 0.5 J/cm² @ 266nm, 10ns, 10Hz 1 J/cm² @ 532nm, 10ns, 10Hz

Regulatory Compliance

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