

1064nm High Performance Laser Line Filter 12.5mm Dia



High Performance Laser Line Bandpass Filters

Stock **#47-497** 3-4 DAYS

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1



€357,00

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Qty 1+

€357,00

Volume Pricing

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Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
4.0

Beam Deviation (arcsec):
<11

OD 5 Blocking Wavelength Range (nm) : 979 - 1053 & 1075 - 1429
OD 6 Blocking Wavelength Range (nm): 979 - 1048 & 1080 - 1170
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): ≥10
Center Wavelength CWL (nm): 1,064.00
Design Wavelength DWL (nm): 1064
Full Width-Half Max FWHM (nm): 4.04 - 7.45
Substrate: ☐ Low Fluorescence N-BK7 or equivalent
Minimum Transmission (%): >90
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): ±0.10
Transmission (%): >90
Type: Bandpass Filter
Blocking Wavelength Range (nm): 979 - 1053 & 1075 - 1429
Construction: Mounted in Black Anodized Ring
Transmitted Wavefront, P-V: ¼ @ 633nm
Temperature Dependence (ppm/°C): <5
Environmental Durability: ML-STD-810F Paragraphs 501.4, 502.4, and 507.4
Physical Durability: ML-C-48497A Paragraphs 4.5.3.1, 4.5.3.2, 4.5.3.3, 4.5.4.2, and 4.5.5.3
Mount Thickness (mm): 3.5 ±0.1
Substrate Thickness (mm): 2.0 ±0.1

Regulatory Compliance

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