

248.6nm High Performance Laser Line Filter 12.5mm Dia.



High Performance Laser Line Bandpass Filters

Stock #12-258 3-5 DAYS

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+

A\$638.40

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Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
1.7

OD 5 Blocking Wavelength Range (nm) :
228.2 - 246.1 & 251.1 - 279.9

OD 6 Blocking Wavelength Range (nm):
228.7 - 244.9 & 252.3 - 273.5

Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): ≥10
Center Wavelength CWL (nm): 248.60
Design Wavelength DWL (nm): 248.6
Full Width-Half Max FWHM (nm): 1.70 - 2.2
Substrate: ☐ Low Fluorescence N-BK7 or equivalent
Minimum Transmission (%): >40
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): ±0.10
Transmission (%): >40
Type: Bandpass Filter
Blocking Wavelength Range (nm): 228.2 - 246.1 & 251.1 - 279.9
Construction: Mounted in Black Anodized Ring
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