

TECHSPEC® 830nm CWL, 12.5mm Dia,3.2nm Bandwidth, OD 6 Laser Line Bandpass Filter



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1



£282.20

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Diameter (mm):
12.50

Angle of Incidence (°):
0 ±2

Bandwidth (nm):

3.2
OD 5 Blocking Wavelength Range (nm) : 639.1 - 821.7 & 838.3 - 1067.7
OD 6 Blocking Wavelength Range (nm): 763.6 - 817.6 & 842.5 - 913
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): 8.5
Center Wavelength CWL (nm): 830.00
Design Wavelength DWL (nm): 830
Full Width-Half Max FWHM (nm): 5.80
Substrate: ☐ Fused Silica (Corning 7980)
Coating: Hard Coated
Surface Quality: 60-40
Thickness Tolerance (mm): +0.0/-0.1
Transmission (%): ≥90
Type: Bandpass Filter
Durability: Environmental: MIL-STD-810F, sect. 507.4 Durability: MIL-C-48497A, sect. 3.4.1
Transmitted Wavefront, RMS: <i>N4 @ 633nm</i>
Mount Thickness (mm): 3.5

Regulatory Compliance

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