

830nm High Performance Laser Line Filter 12.5mm Dia.



High Performance Laser Line Bandpass Filters

Stock **#64-245** ☐ In Stock

☐ [Additional Bandwidths](#)



1



\$357.00

ADD TO CART

Qty 1+

\$357.00

Volume Pricing

[Request Quote](#)

Get Product Downloads

Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
3.2

Beam Deviation (arcsec):
<11

OD 5 Blocking Wavelength Range (nm) :

639 - 822 & 838 - 1325
OD 6 Blocking Wavelength Range (nm): 764 - 818 & 843 - 913
Optical Density OD (Average): ≥6.0
Clear Aperture CA (mm): ≥10
Center Wavelength CWL (nm): 830.00
Design Wavelength DWL (nm): 830
Full Width-Half Max FWHM (nm): 3.15 - 5.81
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): 639 - 822 & 838 - 1325
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