

808nm High Performance Laser Line Filter 25mm Dia.



High Performance Laser Line Bandpass Filters

Stock **#64-258** 10 TO 12 DAYS

[Additional Bandwidths](#)

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1

+

₹61,346

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Qty 1+

₹61,346

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SPECIFICATIONS

General

Bandpass Filter

Type:

Physical & Mechanical Properties

25.00 +0.0/-0.1	Diameter (mm):
≥22	Clear Aperture CA (mm):
±0.10	Thickness Tolerance (mm):
Mounted in Black Anodized Ring	Construction:
Physical Durability: MIL-C-48497A Paragraphs 4.5.3.1, 4.5.3.2, 4.5.3.3, 4.5.4.2, and 4.5.5.3	
2.0 ±0.1	Substrate Thickness (mm):

Optical Properties

0 ±2	Angle of Incidence (°):
3.1	Bandwidth (nm):
<11	Beam Deviation (arcsec):
626 - 800 & 816 - 1270	OD 5 Blocking Wavelength Range (nm) :
743 - 796 & 820 - 889	OD 6 Blocking Wavelength Range (nm):
≥6.0	Optical Density OD (Average):
808.00	Center Wavelength CWL (nm):
808	Design Wavelength DWL (nm):
3.07 - 5.66	Full Width-Half Max FWHM (nm):
Low Fluorescence N-BK7 or equivalent	Substrate: ☐
>90	Minimum Transmission (%):
Hard Coated	Coating:
60-40	Surface Quality:
>90	Transmission (%):
626 - 800 & 816 - 1270	Blocking Wavelength Range (nm):
¼ @ 633nm	Transmitted Wavefront, P-V:

Threading & Mounting

3.5 ±0.1	Mount Thickness (mm):
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Environmental & Durability Factors

<5	Temperature Dependence (ppm/°C):
MIL-STD-810F Paragraphs 501.4, 502.4, and 507.4	Environmental Durability:

Regulatory Compliance

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

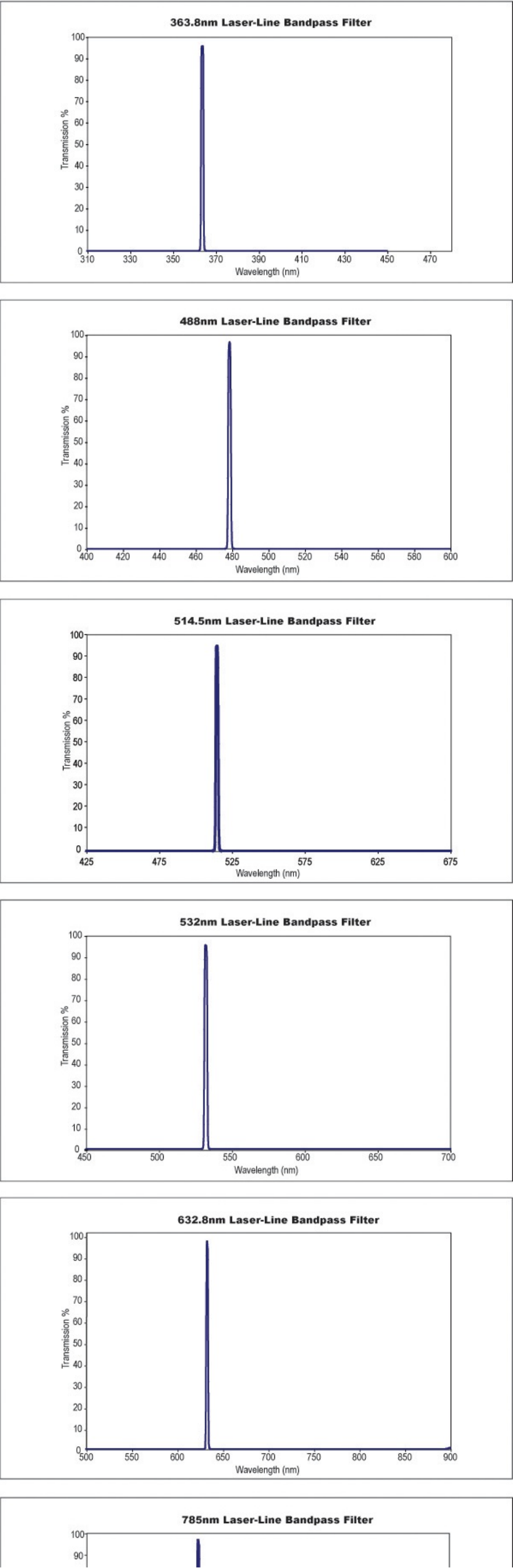
PRODUCT DETAILS

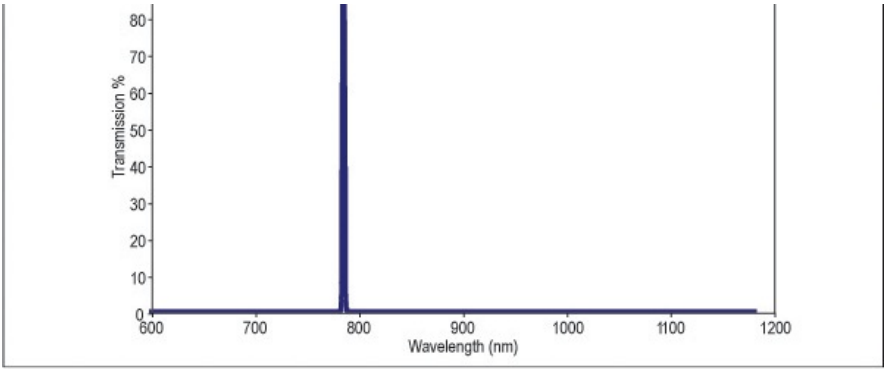
- Over 90% Transmission at Specified Laser Lines
 - Hard Coated Design
 - Designed for Laser Applications
- Available for use with common gas and solid state lasers, High Performance Laser-Line Bandpass Filters are designed to offer maximum transmission of stimulated emission, while eliminating noisy spontaneous

emission. These laser line filters are available at popular diode and Nd:YAG laser lines, including 532nm, 785nm, and 1064nm. High Performance Laser-Line Bandpass Filters are ideal for laser-based fluorescence instrumentation, Raman spectroscopy, or for analytical or medical laser systems. Due to their steep edges, High Performance Laser-Line Bandpass Filters are excellent complements to [TECHSPEC® Notch Filters](#) and [Laser Line Longpass Filters](#).

Note: These filters are optimized for high spectral performance rather than high Laser Induced Damage Thresholds (LIDT). A typical LIDT for these filters is 0.1 J/cm² @ 532nm, 10ns.

TECHNICAL INFORMATION





COMPATIBLE MOUNTS
