

TECHSPEC® 808nm CWL, 12.5mm Dia, 3.1nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock #68-949 **8 In Stock**

[Additional Bandwidths](#)

- 1 + €355³⁵

ADD TO CART

Volume Pricing	
Qty 1-9	€355,35 each
Qty 10+	€313,12 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Bandpass Filter **Type:**

Physical & Mechanical Properties

12.50	Diameter (mm):
8.5	Clear Aperture CA (mm):
+0.0/-0.1	Thickness Tolerance (mm):

Optical Properties

0 ±2	Angle of Incidence (°):
3.1	Bandwidth (nm):
OD 5 Blocking Wavelength Range (nm) : 625.9 - 799.9 & 816.1 - 1033.5	
OD 6 Blocking Wavelength Range (nm): 743.4 - 795.9 & 820.1 - 888.8	
≥6.0	Optical Density OD (Average):
808.00	Center Wavelength CWL (nm):
808	Design Wavelength DWL (nm):
5.70	Full Width-Half Max FWHM (nm):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
Hard Coated	Coating:
60-40	Surface Quality:
≥90	Transmission (%):
$\lambda/4$ @ 633nm	Transmitted Wavefront, RMS:

Threading & Mounting

3.5	Mount Thickness (mm):
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Environmental & Durability Factors

Durability:	
Environmental: ML-STD-810F, sect. 507.4	
Durability: ML-C-48497A, sect. 3.4.1	

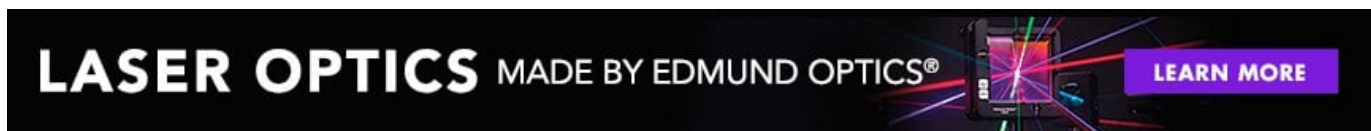
Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

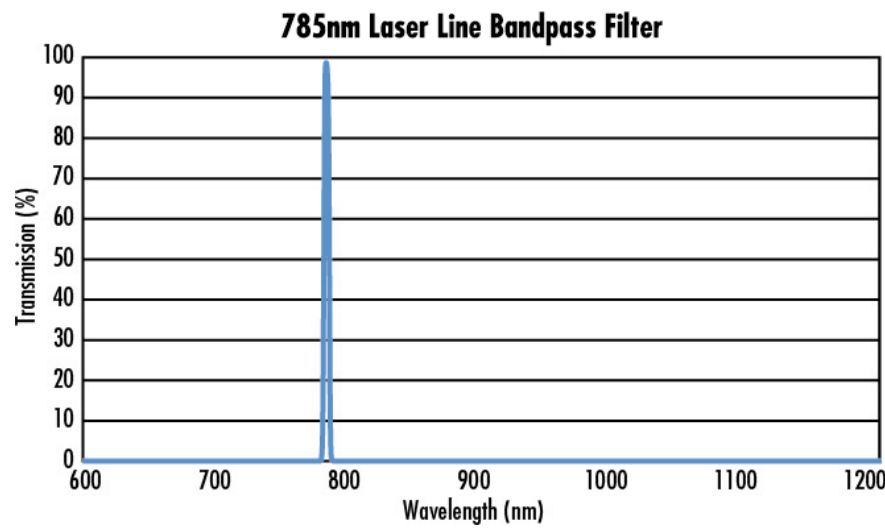
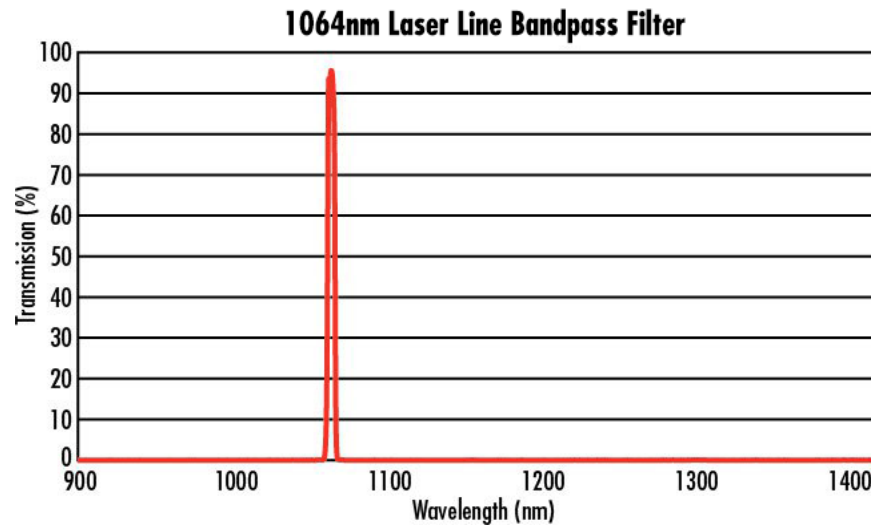
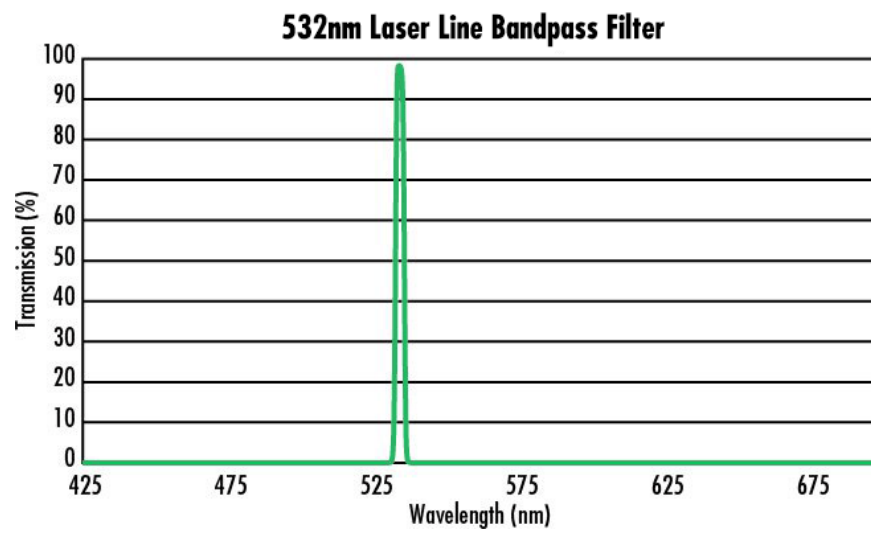
PRODUCT DETAILS

- Over 90% Transmission at Design Wavelength
- Hard Coated Design
- Designed for Laser Applications

Available for use with common gas and solid state lasers, TECHSPEC OD 6 Laser Line Clean-Up Filters are designed to offer maximum transmission of stimulated emission, while eliminating noisy spontaneous emission. TECHSPEC OD 6 Laser Line Clean-Up Filters are ideal for laser-based fluorescence instrumentation, Raman spectroscopy, or for analytical or medical laser systems. Due to their steep edges, TECHSPEC Laser Line Clean-Up Filters are excellent complements to [TECHSPEC Notch Filters](#) or [TECHSPEC Raman Longpass Edge Filters](#).



TECHNICAL INFORMATION



CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

COMPATIBLE MOUNTS