

TECHSPEC[®] 785nm CWL, 12.5mm Dia, 3nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-947** 20+ In Stock

[Additional Bandwidths](#)

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1

+

S\$511^{.00}

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Volume Pricing	
Qty 1-5	S\$511.00 each
Qty 6-25	S\$408.80 each
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SPECIFICATIONS

General

Type:
Bandpass Filter

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 (°):
3.00	Bandwidth (nm):
OD 5 Blocking Wavelength Range (nm) : 612 - 777 & 793 - 1214	
OD 6 Blocking Wavelength Range (nm): 722 - 773 & 797 - 864	
≥6.0	Optical Density OD (Average):
785.00	Center Wavelength CWL (nm):
785	Design Wavelength DWL (nm):
5.50	Full Width-Half Max FWHM (nm):
Fused Silica (Corning 7980)	Substrate: ☐
Hard Coated	Coating:
60-40	Surface Quality:
≥90	Transmission (%):
λ/4 @ 633nm	Transmitted Wavefront, RMS:
Threading & Mounting	
3.5	Mount Thickness (mm):
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 247:

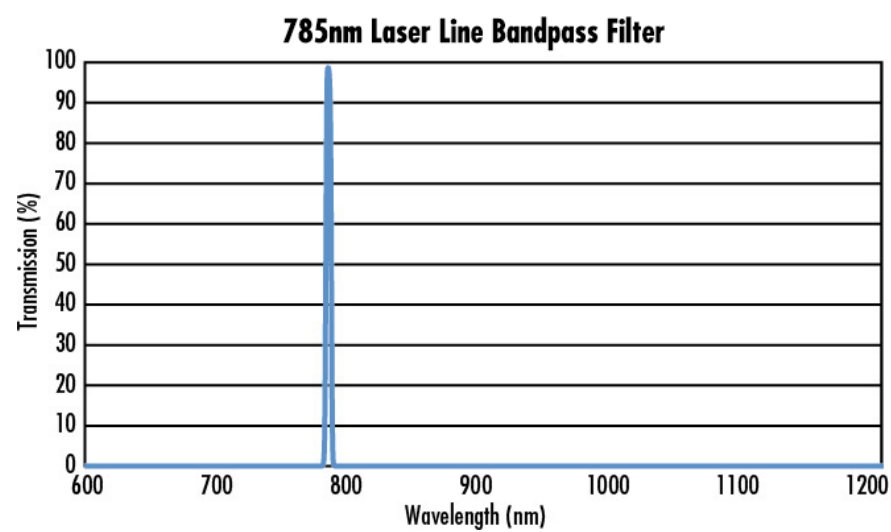
PRODUCT DETAILS

- 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