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TECHSPEC 980nm CWL, 12.5mm Dia,3.7nm Bandwidth, OD 6 Laser Line Bandpass Filter

Stock **#68-952** **10 In Stock**

Additional Bandwidths

- 1 + **A$584.00**

ADD TO CART

Volume Pricing	
Qty 1-5	**A$584.00** each
Qty 6-25	**A$467.20** each
Need More?	Request Quote

Product Downloads

General

Type:
Bandpass Filter

Physical & Mechanical Properties

Diameter (mm):
12.50

Clear Aperture CA (mm):
8.5

Thickness Tolerance (mm):

+0.0/-0.1

Optical Properties

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
3.7

OD 5 Blocking Wavelength Range (nm) :
724.4 - 970.2 & 989.8 - 1332.6

OD 6 Blocking Wavelength Range (nm):
901.6 - 965.3 & 994.7 - 1078

Optical Density OD (Average):
≥6.0

Center Wavelength CWL (nm):
980.00

Design Wavelength DWL (nm):
980

Full Width-Half Max FWHM (nm):
6.90

Substrate:
Fused Silica (Corning 7980)

Coating:
Hard Coated

Surface Quality:
60-40

Transmission (%):
≥90

Transmitted Wavefront, RMS:
λ/4 @ 633nm

Threading & Mounting

Mount Thickness (mm):
3.5

Environmental & Durability Factors

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

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

Need different specs or modifications?

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:

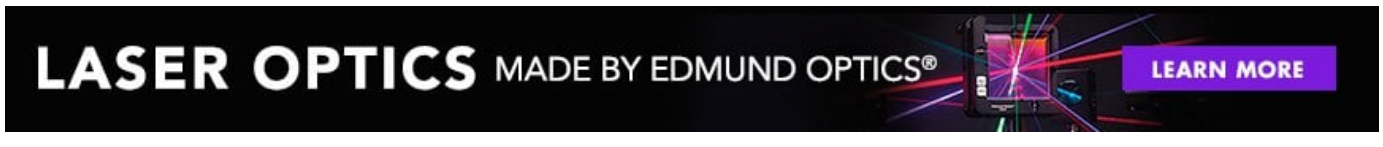
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our custom manufacturing capabilities or submit an inquiry here.

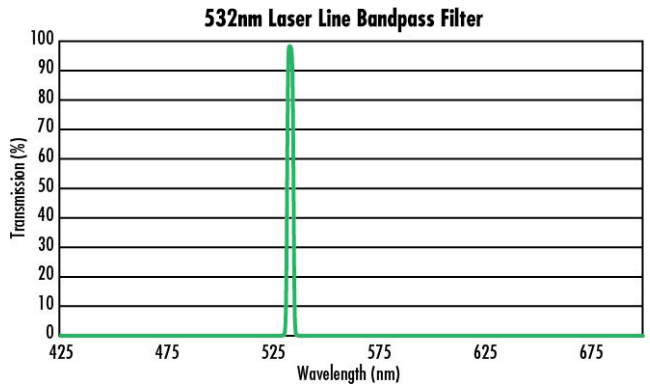
Product Details

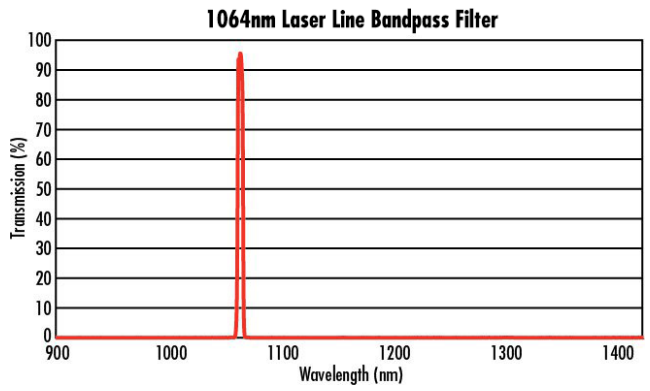
- Over 90% Transmission at Design Wavelength
- Hard Coated Design
- Designed for Laser Applications

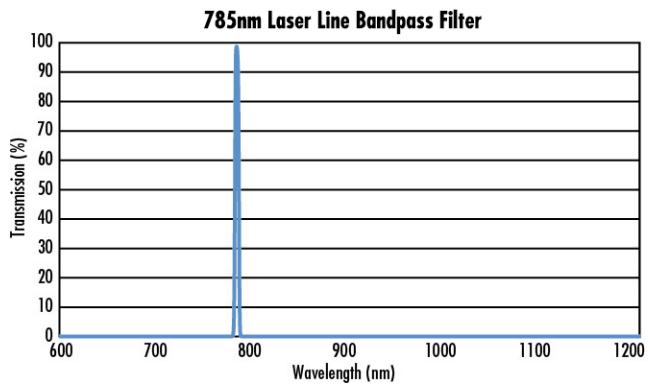
Available for use with common gas and solid state lasers, TECHSPEC OD 6 Laser Line Clean-Up Filters are designed to offer maximum transmission of stimulated emission, while eliminating noisy spontaneous emission. TECHSPEC OD 6 Laser Line Clean-Up Filters are ideal for laser-based fluorescence instrumentation, 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







Compatible Mounts

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