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TECHSPEC® 325nm CWL, 12.5mm Dia, 1.2nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-926** **1 In Stock**

[Additional Bandwidths](#)

1 €365⁰⁰

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Volume Pricing	
Qty 1-5	€365,00 each
Qty 6-25	€292,00 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Bandpass Filter **Type:**

Physical & Mechanical Properties

12.50 **Diameter (mm):**

8.5 **Clear Aperture CA (mm):**

Thickness Tolerance (mm):
+0.0/-0.1

Optical Properties

Angle of Incidence (°):
0 ±2

Bandwidth (nm):
1.2

OD 5 Blocking Wavelength Range (nm) :
291 - 321.8 & 328.3 - 380.7

OD 6 Blocking Wavelength Range (nm):
299 - 320.1 & 329.9 - 357.5

Optical Density OD (Average):
≥6.0

Center Wavelength CWL (nm):
325.00

Design Wavelength DWL (nm):
325

Full Width-Half Max FWHM (nm):
2.30

Substrate:
Fused Silica (Corning 7980)

Coating:
Hard Coated

Surface Quality:
60-40

Transmission (%):
≥80

Transmitted Wavefront, RMS:
λ/4 @ 633nm

Threading & Mounting

Mount Thickness (mm):
3.5

Environmental & Durability Factors

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

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

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](#).

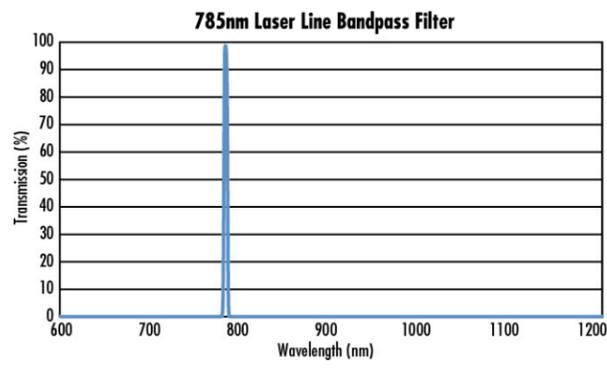
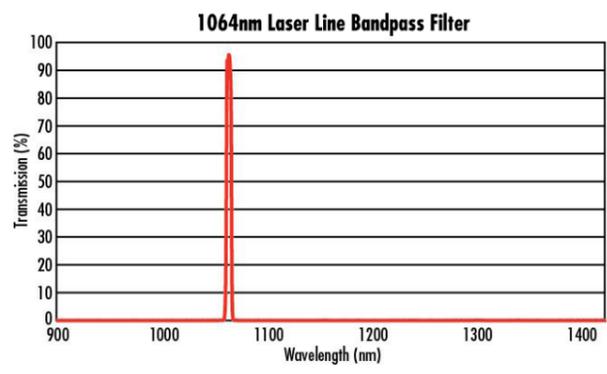
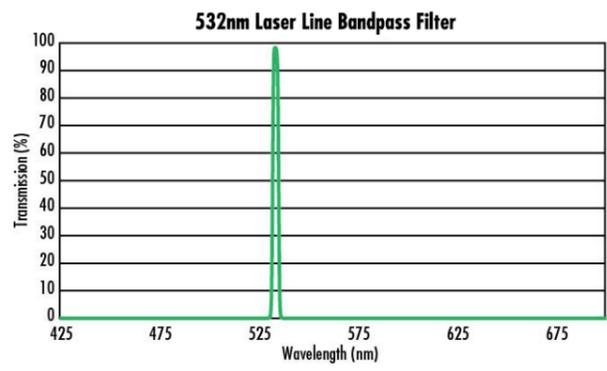
Product Details

- 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](#).

LASER OPTICS MADE BY EDMUND OPTICS® [LEARN MORE](#)

Technical Information



Compatible Mounts

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