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TECHSPEC[®] 488nm CWL, 12.5mm Dia, 1.9nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-936** [CONTACT US](#)

[Additional Bandwidths](#)

-

1

+

₹31,692

Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹31,692 each
Qty 10+	₹27,926 each
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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):		1.9
OD 5 Blocking Wavelength Range (nm) : 415.1 - 483.1 & 492.9 - 625.3		
OD 6 Blocking Wavelength Range (nm): 449 - 480.7 & 495.3 - 536.8		
Optical Density OD (Average):		≥6.0
Center Wavelength CWL (nm):		488.00
Design Wavelength DWL (nm):		488
Full Width-Half Max FWHM (nm):		3.40
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: 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
Country of Origin:		United States
Imported By:		Edmund Optics India Private Limited

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](#).

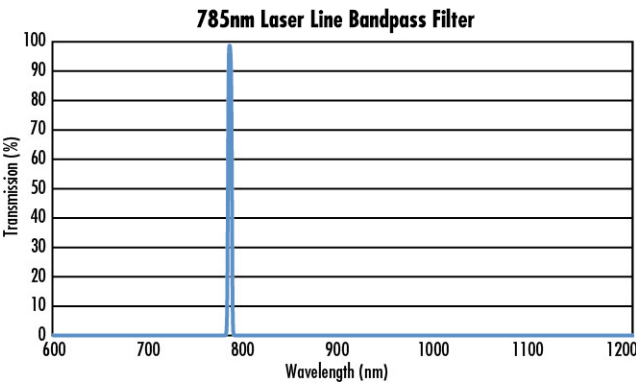
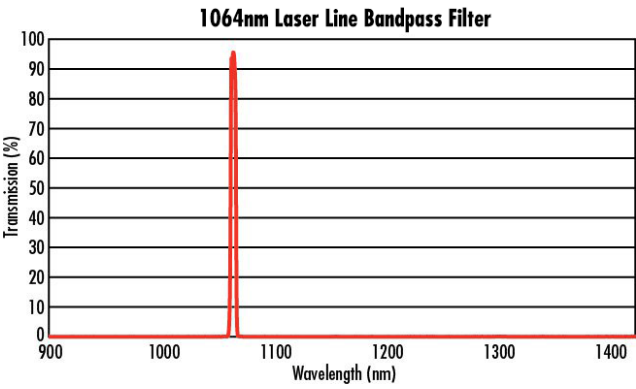
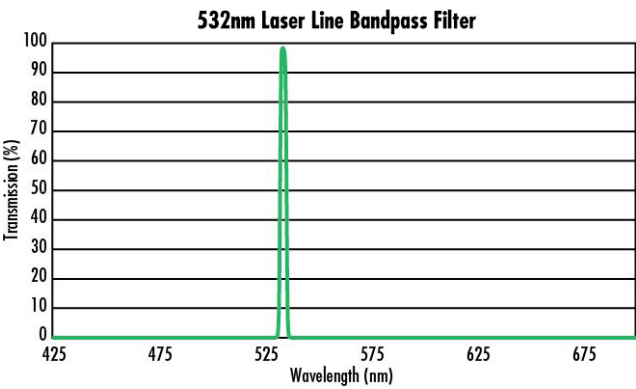
LASER OPTICS

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Technical Information



Compatible Mounts