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TECHSPEC<sup>®</sup> 980nm CWL, 25mm Dia, 3.7nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-983** **1 In Stock**

☐ [Additional Bandwidths](#)

-

1

+

₹53,872

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| Qty 1-9        | ₹53,872 each                  |
| Qty 10+        | ₹47,333 each                  |
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Product Downloads

General

Bandpass Filter

Type:

Physical & Mechanical Properties

25.00

Diameter (mm):

21.00

Clear Aperture CA (mm):

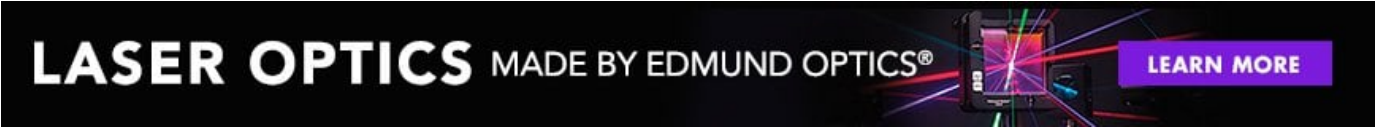
Thickness Tolerance (mm):

|                                                                                  |                                |
|----------------------------------------------------------------------------------|--------------------------------|
| +0.0/-0.1                                                                        |                                |
| Optical Properties                                                               |                                |
| 0 ±2                                                                             | Angle of Incidence (°):        |
| 3.7                                                                              | Bandwidth (nm):                |
| OD 5 Blocking Wavelength Range (nm) :<br>724.4 - 970.2 & 989.8 - 1332.6          |                                |
| OD 6 Blocking Wavelength Range (nm):<br>901.6 - 965.3 & 994.7 - 1078             |                                |
| ≥6.0                                                                             | Optical Density OD (Average):  |
| 980.00                                                                           | Center Wavelength CWL (nm):    |
| 980                                                                              | Design Wavelength DWL (nm):    |
| 6.90                                                                             | 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                                               |                                |
| Environmental: ML-STD-810F, sect. 507.4<br>Durability: MIL-C-48497A, sect. 3.4.1 | Durability:                    |
| Regulatory Compliance                                                            |                                |
| Compliant                                                                        | RoHS 2015:                     |
| View                                                                             | Certificate of Conformance:    |
| Compliant                                                                        | Reach 247:                     |
| United States                                                                    | Country of Origin:             |
| Edmund Optics India Private Limited                                              | Imported By:                   |

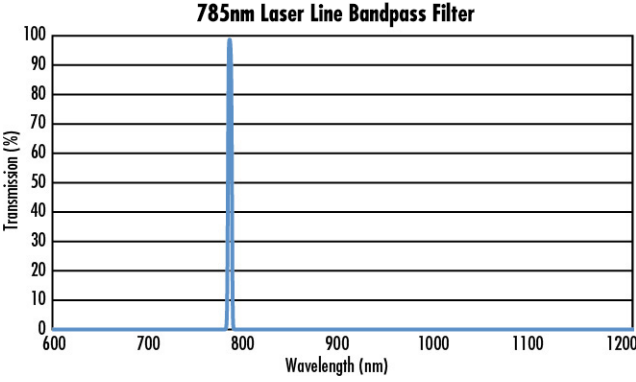
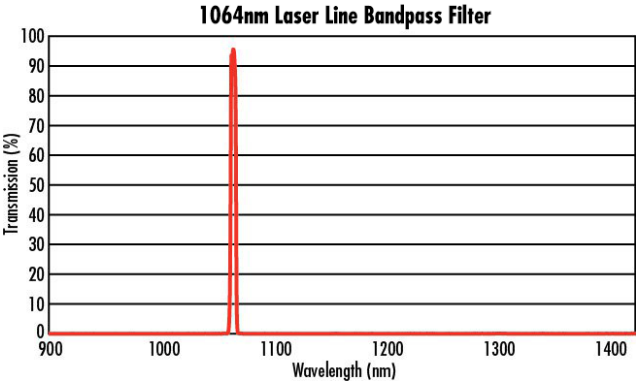
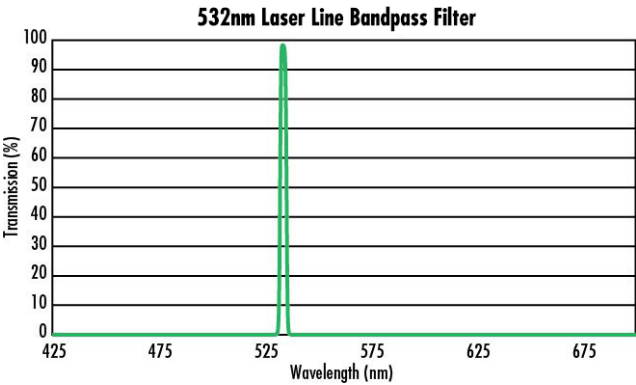
## Product Details

- 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