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TECHSPEC<sup>®</sup> 830nm CWL, 25mm Dia, 3.2nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-981** 1 In Stock

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-

1

+

₹53,872

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| Qty 1-9        | ₹53,872 each                  |
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General

Bandpass Filter

Type:

Physical & Mechanical Properties

25.00

Diameter (mm):

21.00

Clear Aperture CA (mm):

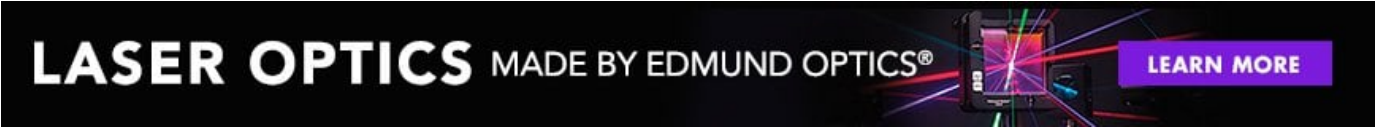
Thickness Tolerance (mm):

|                                                                                                |                                     |
|------------------------------------------------------------------------------------------------|-------------------------------------|
| +0.0/-0.1                                                                                      |                                     |
| Optical Properties                                                                             |                                     |
| 0 ±2                                                                                           | Angle of Incidence (°):             |
| 3.2                                                                                            | Bandwidth (nm):                     |
| OD 5 Blocking Wavelength Range (nm) :<br>639.1 - 821.7 & 838.3 - 1067.7                        |                                     |
| OD 6 Blocking Wavelength Range (nm):<br>763.6 - 817.6 & 842.5 - 913                            |                                     |
| ≥6.0                                                                                           | Optical Density OD (Average):       |
| 830.00                                                                                         | Center Wavelength CWL (nm):         |
| 830                                                                                            | Design Wavelength DWL (nm):         |
| 5.80                                                                                           | Full Width-Half Max FWHM (nm):      |
| Fused Silica (Corning 7980)                                                                    | Substrate: <input type="checkbox"/> |
| 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:<br>Environmental: ML-STD-810F, sect. 507.4<br>Durability: ML-C-48497A, sect. 3.4.1 |                                     |
| Regulatory Compliance                                                                          |                                     |
| Compliant                                                                                      | RoHS 2015:                          |
| View                                                                                           | Certificate of Conformance:         |
| Compliant                                                                                      | Reach 247:                          |
| United States                                                                                  | Country of Origin:                  |
| Edmund Optics India Private Limited                                                            | Imported By:                        |

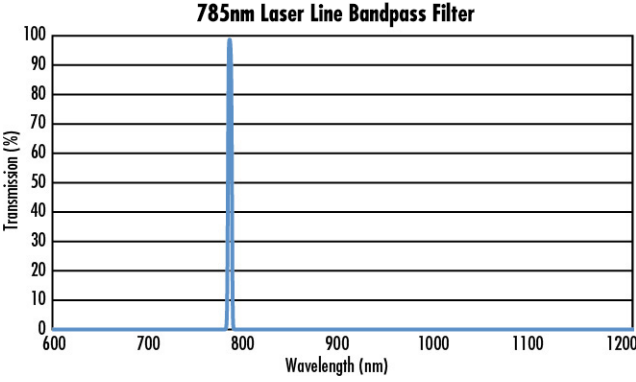
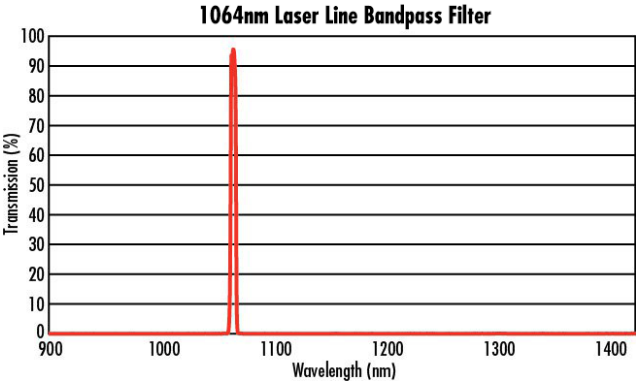
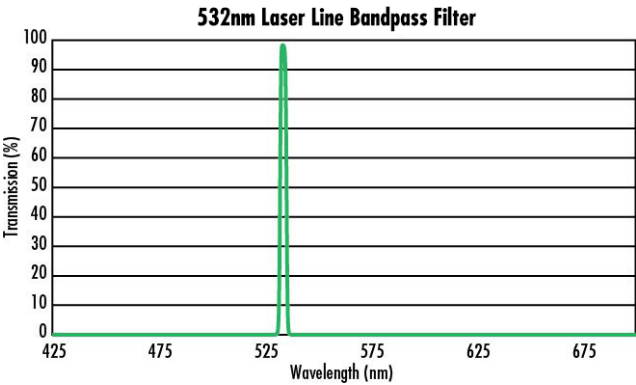
## Product Details

- 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