

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



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

[Additional Bandwidths](#)

-

1

+

£588<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £588.00 each                  |
| Qty 6-25       | £470.40 each                  |
| Need More?     | <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

| 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                    |  |
| Angle of Incidence (°):               |  |
| 0 ±2                                  |  |
| Bandwidth (nm):                       |  |
| 3.2                                   |  |
| OD 5 Blocking Wavelength Range (nm) : |  |
| 639.1 - 821.7 & 838.3 - 1067.7        |  |
| OD 6 Blocking Wavelength Range (nm):  |  |
| 763.6 - 817.6 & 842.5 - 913           |  |
| Optical Density OD (Average):         |  |
| ≥6.0                                  |  |
| Center Wavelength CWL (nm):           |  |
| 830.00                                |  |
| Design Wavelength DWL (nm):           |  |
| 830                                   |  |
| Full Width-Half Max FWHM (nm):        |  |
| 5.80                                  |  |
| Substrate: <input type="checkbox"/>   |  |
| 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                   |  |

## 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](#).

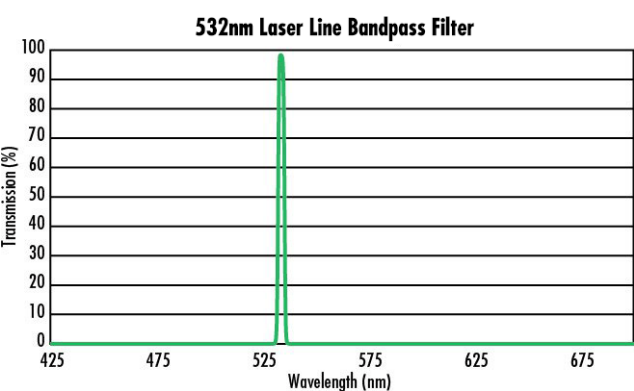
LASER OPTICS

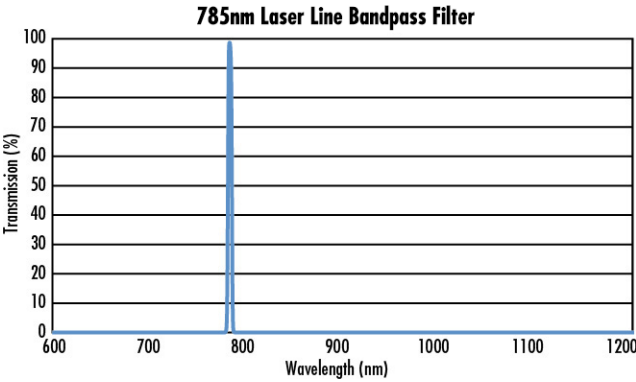
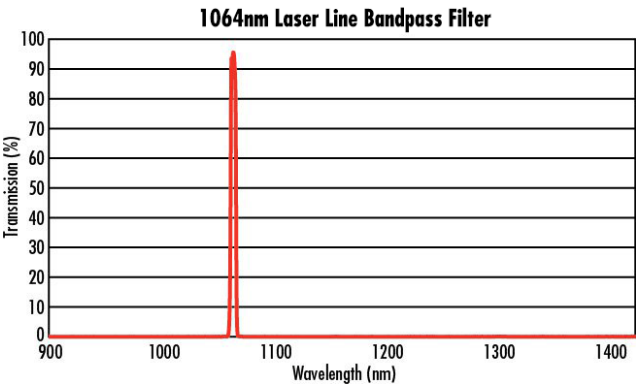
MADE BY EDMUND OPTICS®



LEARN MORE

## Technical Information





## 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