

TECHSPEC<sup>®</sup> 785nm CWL, 12.5mm Dia, 3nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-947** 20+ In Stock

[Additional Bandwidths](#)

-

1

+

S\$360<sup>.68</sup>

S\$515.26

ADD TO CART

| Volume Pricing |                                            |
|----------------|--------------------------------------------|
| Qty 1-9        | <del>S\$515.26</del> <b>S\$360.68</b> each |
| Qty 10+        | <del>S\$454.02</del> <b>S\$317.81</b> each |
| Need More?     | <a href="#">Request Quote</a>              |

Product Downloads

SPECIFICATIONS

General

Type:  
Bandpass Filter

Physical & Mechanical Properties

|                                                                                                |                                 |
|------------------------------------------------------------------------------------------------|---------------------------------|
| 12.50                                                                                          | Diameter (mm):                  |
| 8.5                                                                                            | Clear Aperture CA (mm):         |
| +0.0/-0.1                                                                                      | Thickness Tolerance (mm):       |
| Optical Properties                                                                             |                                 |
| 0 ±2                                                                                           | Angle of Incidence (°):         |
| 3.00                                                                                           | Bandwidth (nm):                 |
| OD 5 Blocking Wavelength Range (nm) :<br>612 - 777 & 793 - 1214                                |                                 |
| OD 6 Blocking Wavelength Range (nm):<br>722 - 773 & 797 - 864                                  |                                 |
| ≥6.0                                                                                           | Optical Density OD (Average):   |
| 785.00                                                                                         | Center Wavelength CWL (nm):     |
| 785                                                                                            | Design Wavelength DWL (nm):     |
| 5.50                                                                                           | Full Width-Half Max FWHM (nm):  |
| <a href="#">Fused Silica</a> (Corning 7980)                                                    | Substrate: <input type="text"/> |
| 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                                                                          |                                 |
| <a href="#">Compliant</a>                                                                      | RoHS 2015:                      |
| <a href="#">View</a>                                                                           | Certificate of Conformance:     |
| <a href="#">Compliant</a>                                                                      | Reach 247:                      |

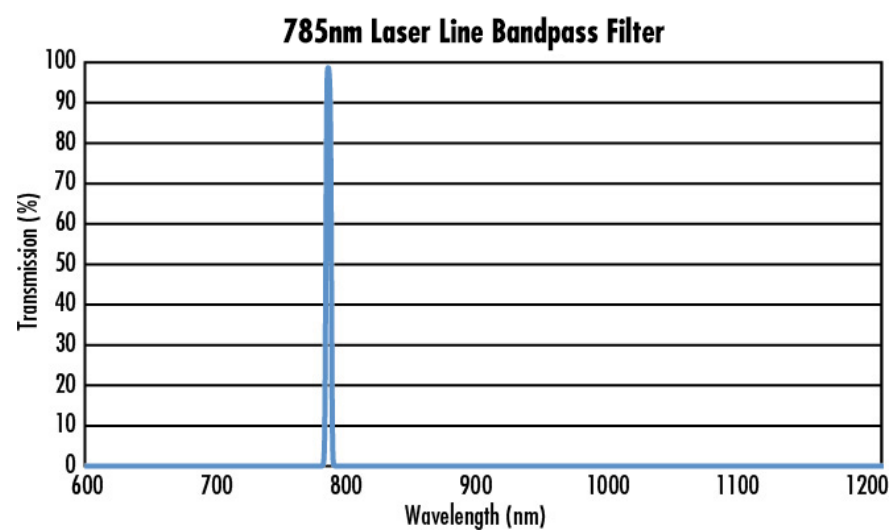
## PRODUCT DETAILS

- 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