

TECHSPEC<sup>®</sup> 1064nm CWL, 25mm Dia, 4nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock **#68-985** **5 In Stock**

☐ [Additional Bandwidths](#)

-

1

+

€712<sup>76</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €712,76 each                  |
| Qty 10+        | €626,24 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Bandpass Filter

Type:

Physical & Mechanical Properties

|                                                                                 |                                       |
|---------------------------------------------------------------------------------|---------------------------------------|
|                                                                                 |                                       |
| 25.00                                                                           | Diameter (mm):                        |
| 21.00                                                                           | Clear Aperture CA (mm):               |
|                                                                                 |                                       |
| +0.0/-0.1                                                                       | Thickness Tolerance (mm):             |
| Optical Properties                                                              |                                       |
| 0 ±2                                                                            | Angle of Incidence (°):               |
| 4.00                                                                            | Bandwidth (nm):                       |
|                                                                                 |                                       |
| 979 - 1053 & 1075 - 1429                                                        | OD 5 Blocking Wavelength Range (nm) : |
| 979 - 1048 & 1080 - 1170                                                        | OD 6 Blocking Wavelength Range (nm):  |
|                                                                                 |                                       |
| ≥6.0                                                                            | Optical Density OD (Average):         |
| 1,064.00                                                                        | Center Wavelength CWL (nm):           |
|                                                                                 |                                       |
| 1064                                                                            | Design Wavelength DWL (nm):           |
| 7.50                                                                            | 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                                              |                                       |
|                                                                                 |                                       |
| Environmental: ML-STD-810F, sect. 507.4<br>Durability: ML-C-48497A, sect. 3.4.1 | Durability:                           |
| Regulatory Compliance                                                           |                                       |
| Compliant                                                                       | RoHS 2015:                            |
| View                                                                            | Certificate of Conformance:           |
|                                                                                 |                                       |
| Compliant                                                                       | Reach 247:                            |

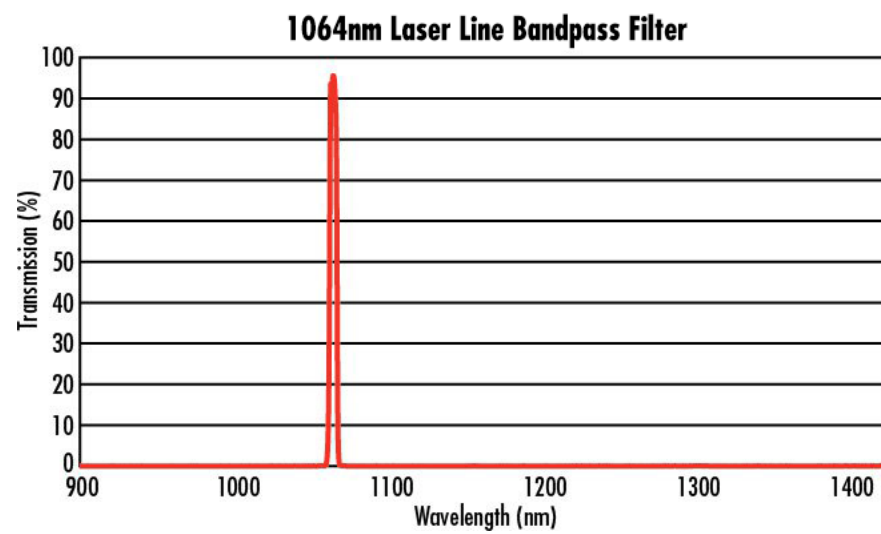
## PRODUCT DETAILS

- 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