

TECHSPEC<sup>®</sup> 632.8nm CWL, 12.5mm Dia,2.4nm Bandwidth,OD6 Laser Line Bandpass Filter



Stock **#68-943** **1 In Stock**

☐ [Additional Bandwidths](#)

-

1

+

A\$584<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$584.00 each                |
| Qty 6-25       | A\$467.20 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Bandpass Filter

Type:

Physical & Mechanical Properties

12.50

Diameter (mm):

8.5

Clear Aperture CA (mm):

Thickness Tolerance (mm):

| +0.0/-0.1                                                              |                                     |
|------------------------------------------------------------------------|-------------------------------------|
| Optical Properties                                                     |                                     |
| 0 ±2                                                                   | Angle of Incidence (°):             |
| 2.4                                                                    | Bandwidth (nm):                     |
| OD 5 Blocking Wavelength Range (nm) :<br>515.4 - 626.5 & 639.1 - 884.7 |                                     |
| OD 6 Blocking Wavelength Range (nm):<br>582.2 - 623.3 & 642.3 - 696.1  |                                     |
| ≥6.0                                                                   | Optical Density OD (Average):       |
| 632.80                                                                 | Center Wavelength CWL (nm):         |
| 632.8                                                                  | Design Wavelength DWL (nm):         |
| 4.40                                                                   | 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: MIL-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 noisyspontaneous 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®



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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

