

TECHSPEC<sup>®</sup> 1025nm 50mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

Stock **#64-694** CLEARANCE **14 In Stock**

-

1

+

₹18,270

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| Volume Pricing |                               |
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| Qty 1+         | ₹18,270 each                  |
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Product Downloads

| General                          |                     |
|----------------------------------|---------------------|
| Longpass Filter                  | Type:               |
| Physical & Mechanical Properties |                     |
| 50.00 +0.00/-0.20                | Diameter (mm):      |
| 5.00 ±0.1                        | Thickness (mm):     |
| 80                               | Clear Aperture (%): |

| Optical Properties                                               |                               |
|------------------------------------------------------------------|-------------------------------|
| 0                                                                | Angle of Incidence (°):       |
| ≥2.0                                                             | Optical Density OD (Average): |
| 1,025.00                                                         | Cut-On Wavelength (nm):       |
| Fused Silica (Corning 7980)                                      | Substrate: □                  |
| Traditional Coated                                               | Coating:                      |
| 780 - 975                                                        | Rejection Wavelength (nm):    |
| 40-20                                                            | Surface Quality:              |
| >85                                                              | Transmission (%):             |
| 1060 - 2000                                                      | Transmission Wavelength (nm): |
| λ/4                                                              | Transmitted Wavefront, P-V:   |
| ±2                                                               | Cut-On Tolerance (%):         |
| 3.00                                                             | Slope Factor (%):             |
| Surface 1: Multi-Layer Dielectric<br>Surface 2: MgF <sub>2</sub> | Coating Specification:        |
| 780 - 2000                                                       | Wavelength Range (nm):        |

| Regulatory Compliance               |                             |
|-------------------------------------|-----------------------------|
| Compliant                           | Reach 224:                  |
| View                                | Certificate of Conformance: |
| United States                       | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## Product Details

- Sharp Cut-On Wavelength
- High Rejection/Transmission Efficiency
- Precision Fused Silica Substrate
- Variety of **OD 2.0 Longpass Filter Kits** are Available

TECHSPEC® OD 2.0 Longpass Filters are designed to have a sharp transition from reflection to transmission, making them ideal for various applications. Available in a variety of cut-on wavelengths, these filters are designed for fluorescence and order sorting applications. These filters feature precision fused silica substrate and high rejection/transmission efficiency. TECHSPEC® OD 2.0 Longpass Filters have a single-layer AR coating on the back surface that enhances the overall efficiency of each filter. Eliminate stray light by creating custom bandpass filters when combined with **TECHSPEC® OD 2.0 Shortpass Filters**. A single layer AR coating on the back surface enhances the overall efficiency of each filter.

**Note:** Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact [kits@edmundoptics.com](mailto:kits@edmundoptics.com).

## 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