

TECHSPEC<sup>®</sup> 425nm 25mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

Stock **#64-624** 20+ In Stock

-

1

+

C\$210<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$210.00 each                |
| Qty 6-25       | C\$179.20 each                |
| Qty 26-49      | C\$168.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Longpass Filter                  | Type:           |
| Physical & Mechanical Properties |                 |
| 25.00 +0.00/-0.20                | Diameter (mm):  |
| 3.00 ±0.1                        | Thickness (mm): |

|                                                                  |                               |
|------------------------------------------------------------------|-------------------------------|
| 80                                                               | Clear Aperture (%):           |
| Optical Properties                                               |                               |
| 0                                                                | Angle of Incidence (°):       |
| ≥2.0                                                             | Optical Density OD (Average): |
| 425.00                                                           | Cut-On Wavelength (nm):       |
| <a href="#">Fused Silica</a> (Corning 7980)                      | Substrate: □                  |
| Traditional Coated                                               | Coating:                      |
| 200 - 405                                                        | Rejection Wavelength (nm):    |
| 40-20                                                            | Surface Quality:              |
| >85                                                              | Transmission (%):             |
| 445 - 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:        |
| 200 - 2000                                                       | Wavelength Range (nm):        |
| Regulatory Compliance                                            |                               |
| <a href="#">Compliant</a>                                        | RoHS 2015:                    |
| <a href="#">Compliant</a>                                        | Reach 219:                    |
| <a href="#">View</a>                                             | Certificate of Conformance:   |

## 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