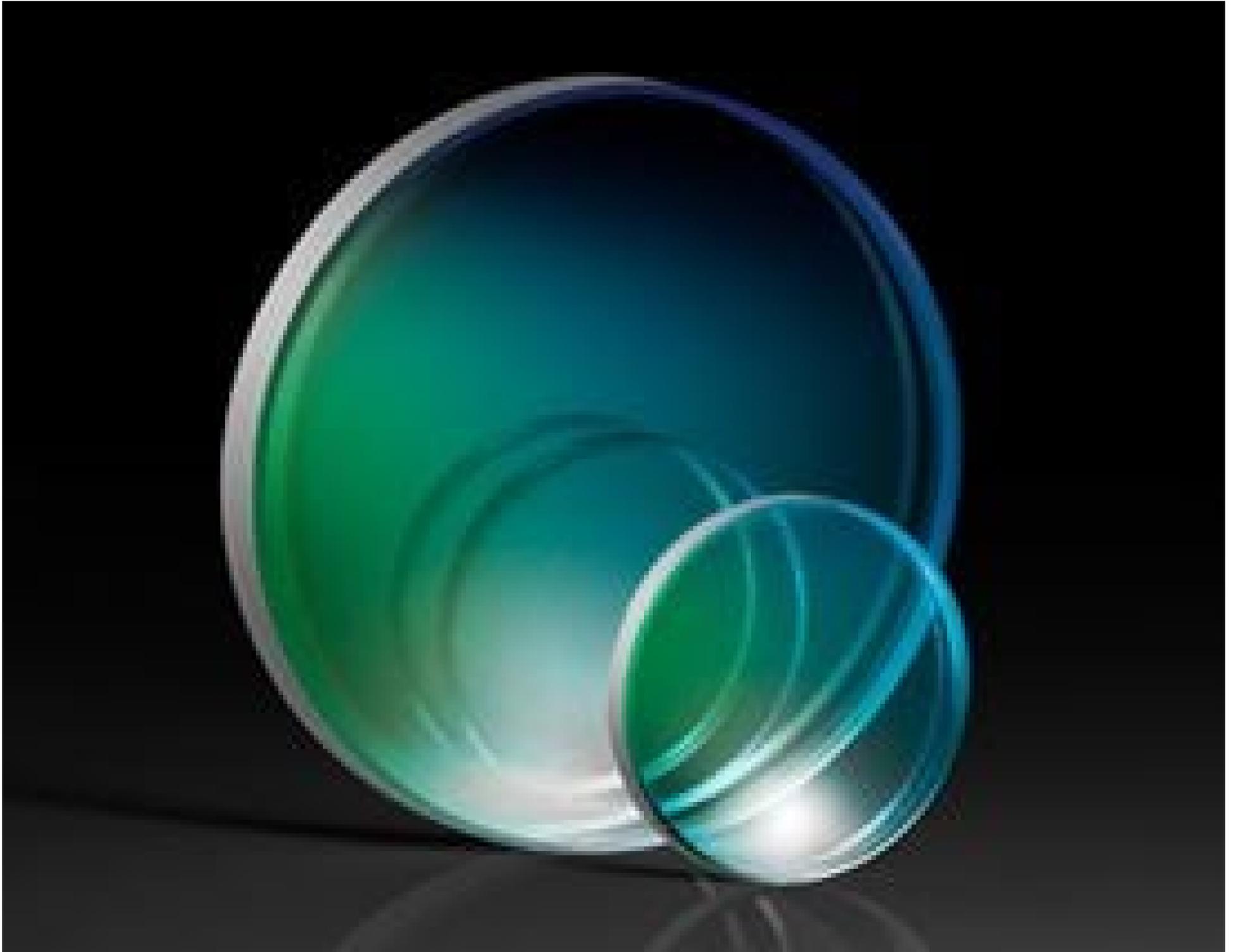


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**TECHSPEC® 1075nm 50mm Diameter, OD 2.0 Longpass Filter**



OD 2.0 Longpass Filters

Stock #64-695 **CLEARANCE** 5 In Stock

⊖ 1 ⊕ €215<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€215,00 each
Qty 6-25	€183,00 each
Qty 26-49	€172,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Longpass Filter **Type:**

**Physical & Mechanical Properties**

50.00 +0.00/-0.20 **Diameter (mm):**

**Thickness (mm):**

5.00 ±0.1

80 **Clear Aperture (%)**

## Optical Properties

0 **Angle of Incidence (°)**

≥2.0 **Optical Density OD (Average)**

1,075.00 **Cut-On Wavelength (nm)**

**Fused Silica** (Corning 7980) **Substrate:**

Traditional Coated **Coating:**

820 - 1025 **Rejection Wavelength (nm)**

40-20 **Surface Quality:**

>85 **Transmission (%)**

1110 - 2000 **Transmission Wavelength (nm)**

λ/4 **Transmitted Wavefront, P-V:**

±2 **Cut-On Tolerance (%)**

3.00 **Slope Factor (%)**

**Coating Specification:**  
Surface 1: Multi-Layer Dielectric  
Surface 2: MgF<sub>2</sub>

820 - 2000 **Wavelength Range (nm)**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 224:**

**View** **Certificate of Conformance:**

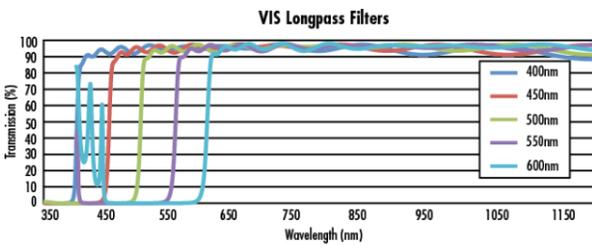
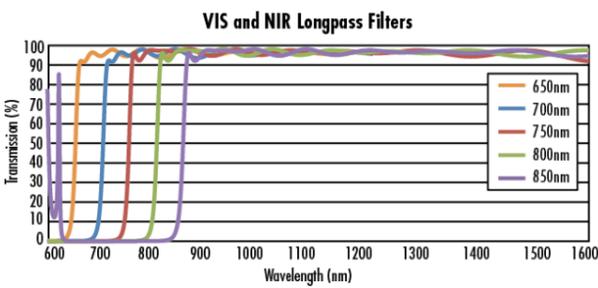
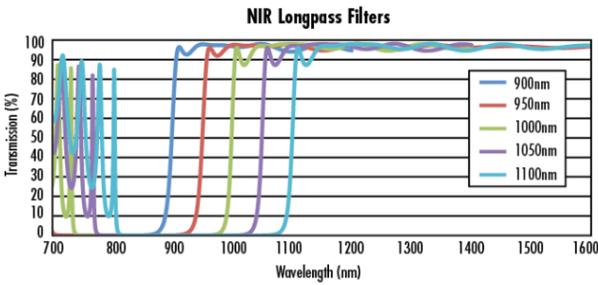
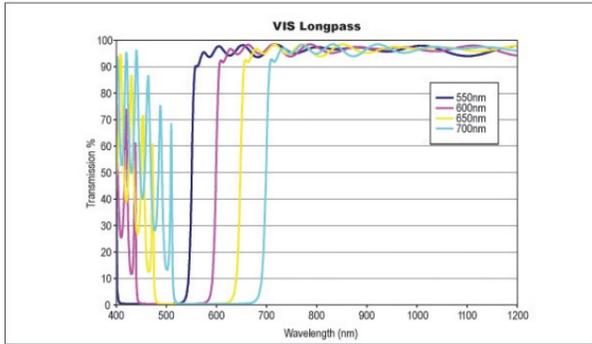
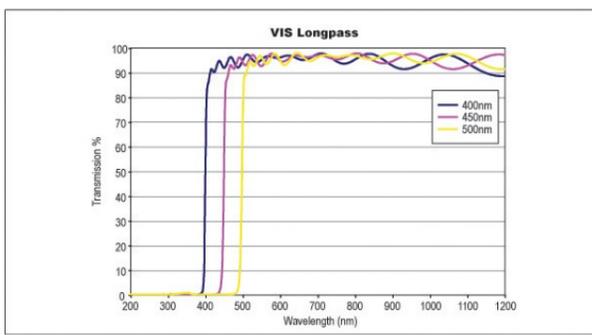
## Product Details

- 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