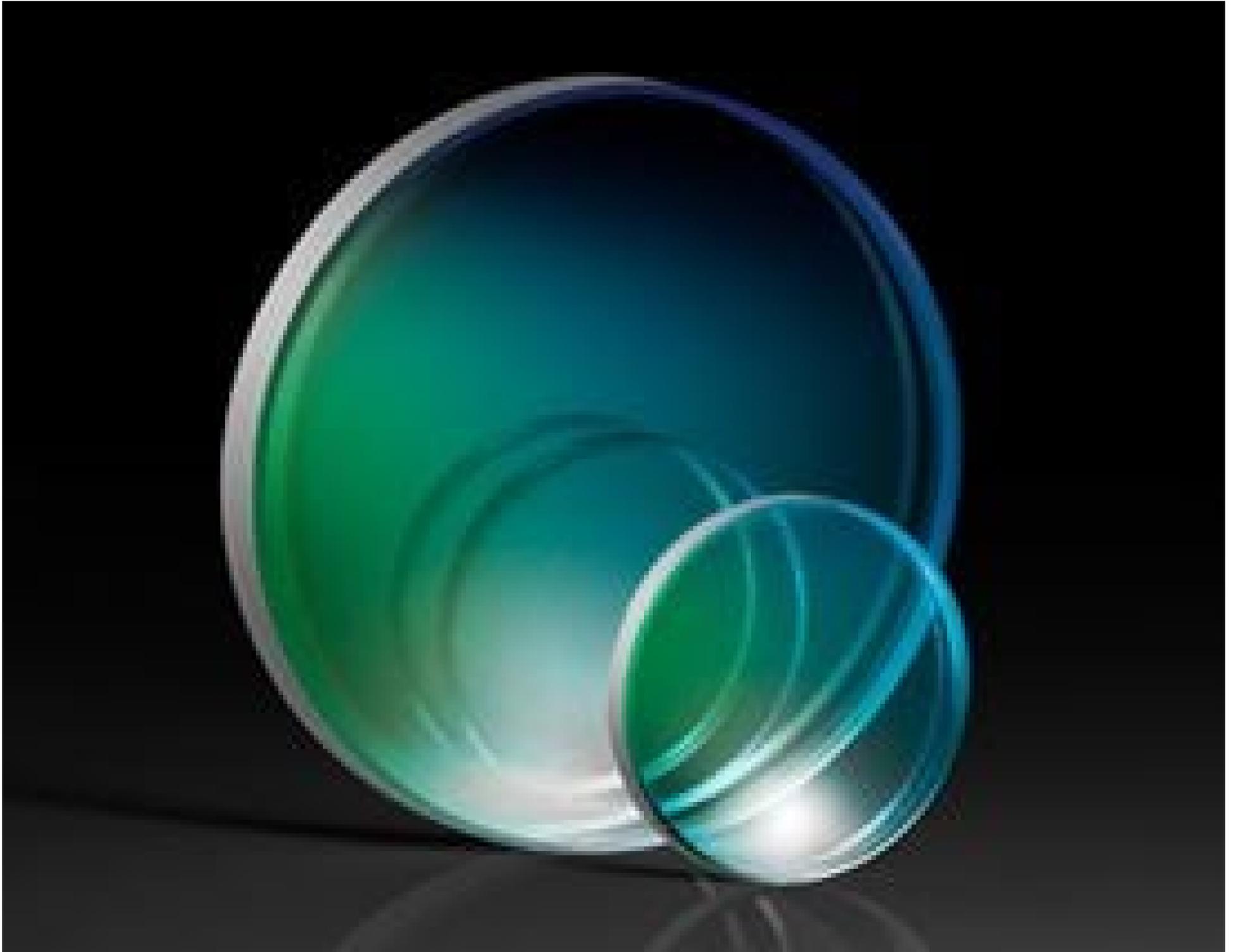


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**TECHSPEC® 400nm 12.5mm Diameter, OD 2.0 Longpass Filter**



OD 2.0 Longpass Filters

Stock **#49-024** **20+ In Stock**

⊖ 1 ⊕ ₹7,162

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹7,162 each
Qty 6-25	₹6,088 each
Qty 26-49	₹5,730 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Longpass Filter **Type:**

**Physical & Mechanical Properties**

12.50 +0.00/-0.20 **Diameter (mm):**

1.50 ±0.1 **Thickness (mm):**

80 Clear Aperture (%):

## Optical Properties

0 Angle of Incidence (°):

≥2.0 Optical Density OD (Average):

400.00 Cut-On Wavelength (nm):

Fused Silica (Corning 7980) Substrate:

Traditional Coated Coating:

200 - 375 Rejection Wavelength (nm):

40-20 Surface Quality:

>85 Transmission (%):

420 - 2000 Transmission Wavelength (nm):

λ/4 Transmitted Wavefront, P-V:

±2 Cut-On Tolerance (%):

3.00 Slope Factor (%):

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

200 - 2000 Wavelength Range (nm):

## Regulatory Compliance

Compliant RoHS 2015:

Compliant Reach 224:

View Certificate of Conformance:

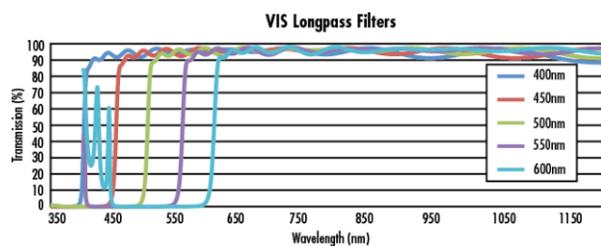
## Product Details

- 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

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