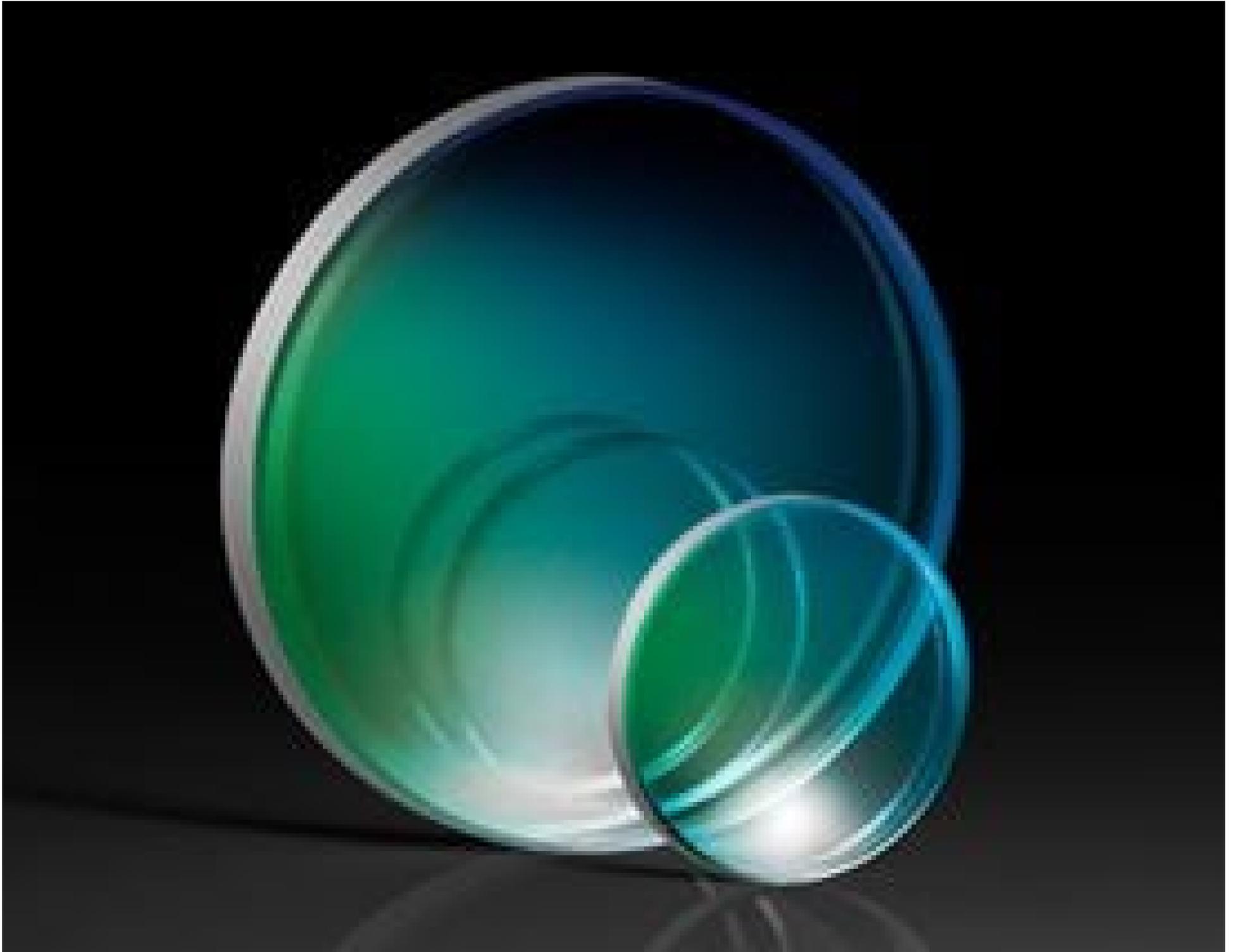


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TECHSPEC® 500nm 50mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

Stock **#64-699** **20+ In Stock**

⊖ 1 ⊕ A\$384⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$384.00 each
Qty 6-25	A\$326.40 each
Qty 26-49	A\$307.20 each
Need More?	Request Quote

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):

500.00 Cut-On Wavelength (nm):

Fused Silica (Coming 7980) Substrate: □

Traditional Coated Coating:

200 - 480 Rejection Wavelength (nm):

40-20 Surface Quality:

>85 Transmission (%):

520 - 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: MgF₂ Coating Specification:

200 - 2000 Wavelength Range (nm):

Regulatory Compliance

Compliant RoHS 2015:

Compliant Reach 224:

View Certificate of Conformance:

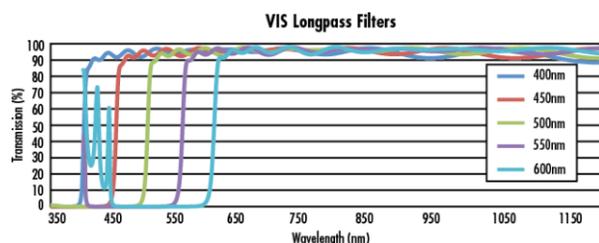
Product Details

- 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.

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
