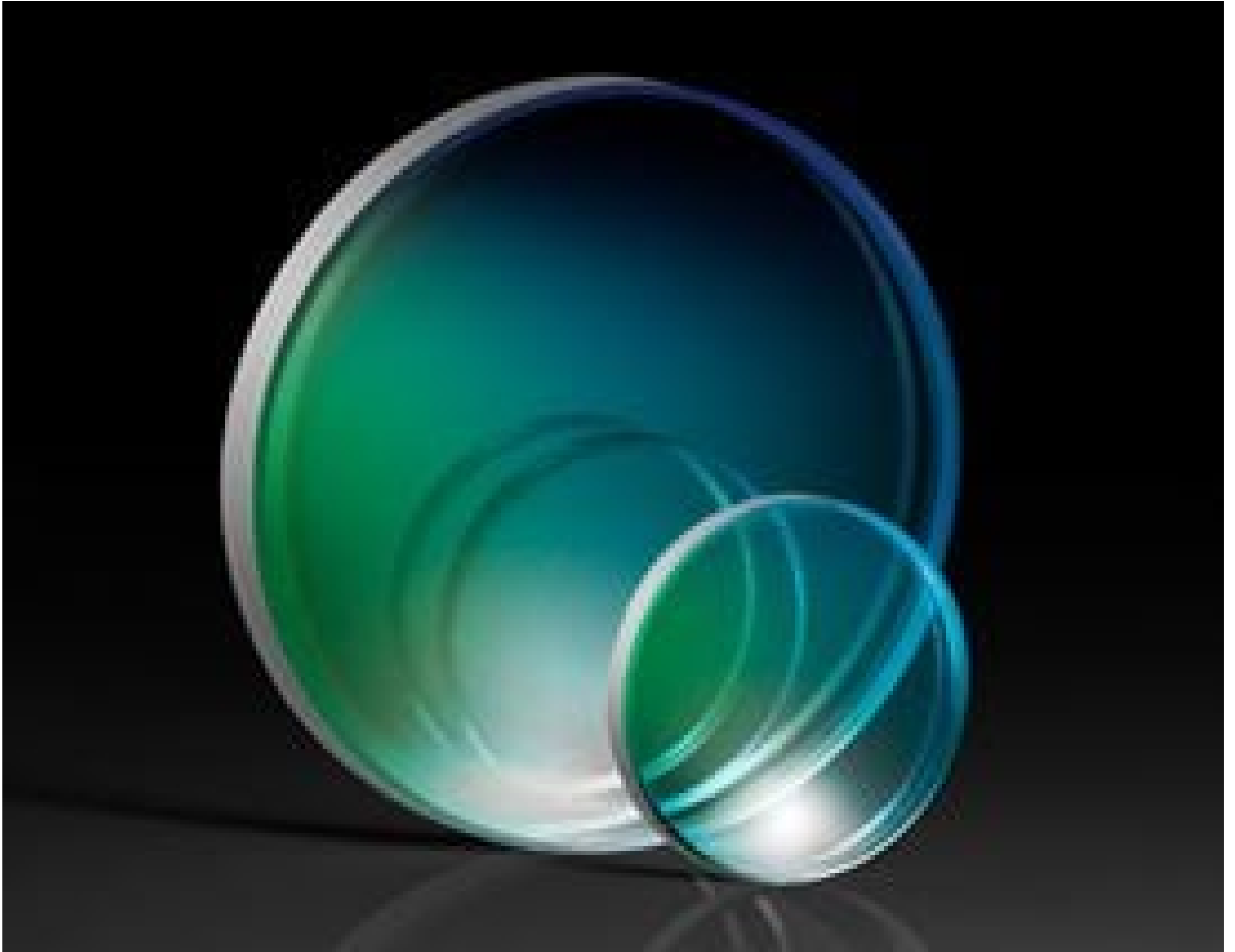


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TECHSPEC® 950nm 25.0mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

Stock **#48-562** CLEARANCE **4 In Stock**

⊖ 1 ⊕ **A\$208⁰⁰**

ADD TO CART

Volume Pricing	
Qty 1-5	A\$208.00 each
Qty 6-25	A\$177.60 each
Qty 26-49	A\$166.40 each
Need More?	Request Quote

Product Downloads

General

Longpass Filter

Type:

Physical & Mechanical Properties

25.00 +0.00/-0.20

Diameter (mm):

3.00 ±0.1

Thickness (mm):

Clear Aperture (%):

80

Optical Properties

Angle of Incidence (°):

0

Optical Density OD (Average):

≥2.0

Cut-On Wavelength (nm):

950.00

Substrate:

Fused Silica (Corning 7980)

Coating:

Traditional Coated

Rejection Wavelength (nm):

715 - 900

Surface Quality:

40-20

Transmission (%):

>85

Transmission Wavelength (nm):

985 - 2000

Transmitted Wavefront, P-V:

λ/4

Cut-On Tolerance (%):

±2

Slope Factor (%):

3.00

Coating Specification:

Surface 1: Multi-Layer Dielectric

Surface 2: MgF₂

Wavelength Range (nm):

715 - 2000

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

[View](#)

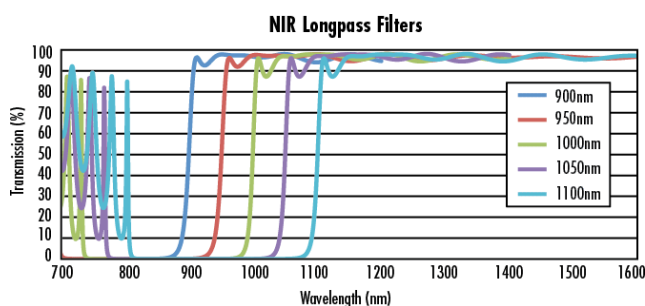
Product Details

- 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
