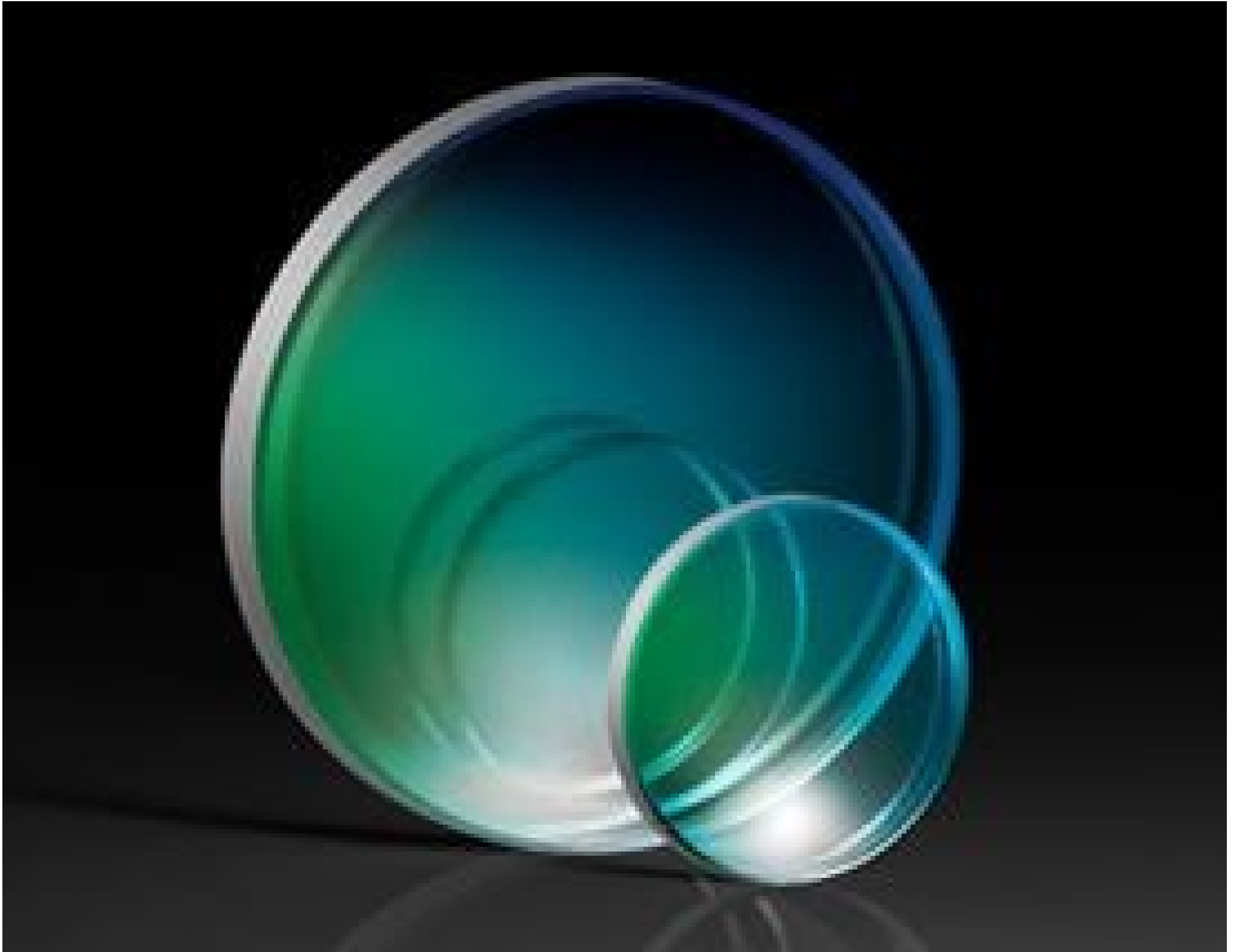


TECHSPEC® 1075nm 50mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

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

MRP ₹21,692

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	₹21,692 each
Qty 6-25	₹18,463 each
Qty 26-49	₹17,353 each
Need More?	Request Quote

Product Downloads

General

Longpass Filter **Type:**

Physical & Mechanical Properties

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

Thickness (mm):

5.00 ±0.1

Clear Aperture (%):

80

Optical Properties

Angle of Incidence (°):

0

Optical Density OD (Average):

≥2.0

Cut-On Wavelength (nm):

1,075.00

Substrate:

[Fused Silica](#) (Corning 7980)

Coating:

Traditional Coated

Rejection Wavelength (nm):

820 - 1025

Surface Quality:

40-20

Transmission (%):

>85

Transmission Wavelength (nm):

1110 - 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):

820 - 2000

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 224:

[Compliant](#)

Certificate of Conformance:

[View](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Need different specs or modifications?

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](#).

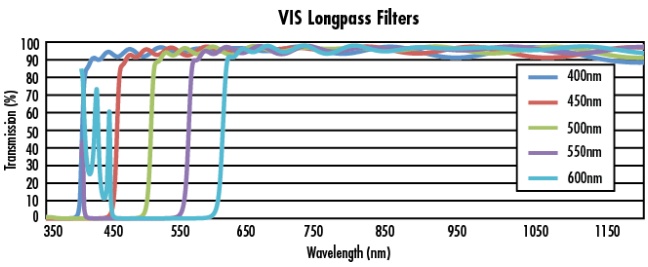
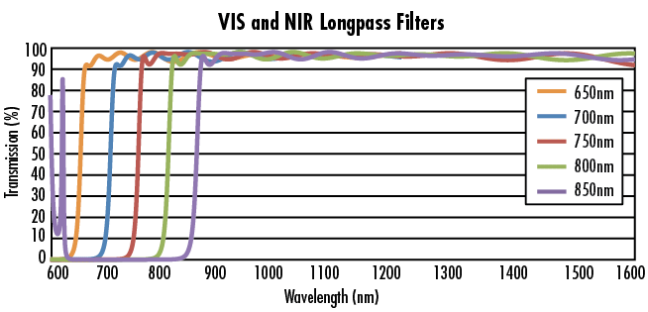
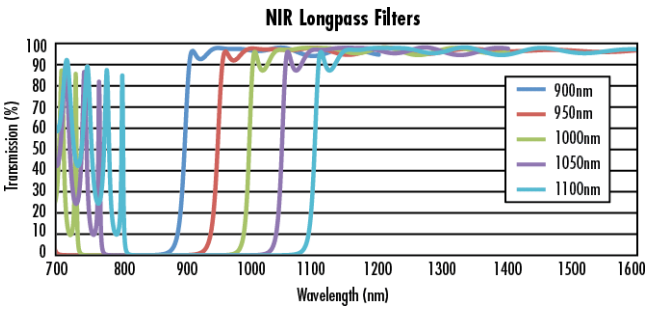
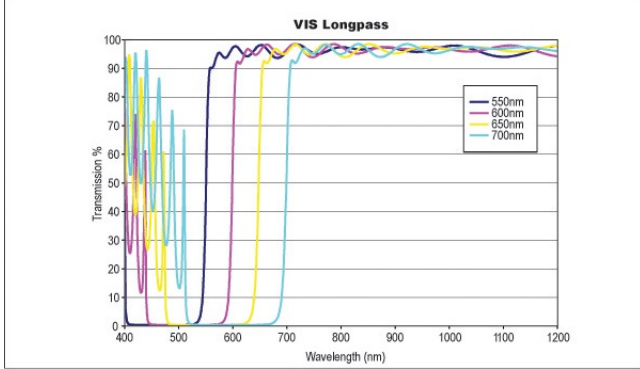
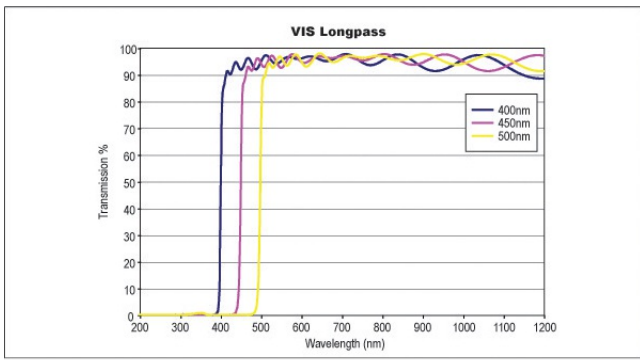
Product Details

- 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



Compatible Mounts