

[See all 41 Products in Family](#)

## TECHSPEC® 650nm 25mm Diameter, OD 2.0 Shortpass Filter



TECHSPEC OD 2.0 Shortpass Filters

Stock #47-290 **4 In Stock**

⊖ 1 ⊕ £120<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-5	£120.00 each
Qty 6-25	£108.00 each
Qty 26-49	£102.40 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Shortpass Filter **Type:**

#### Physical & Mechanical Properties

25.00 +0.0/-0.2 **Diameter (mm):**

**Thickness (mm):**

3.00 ±0.1

80.00 Clear Aperture (%):

## Optical Properties

0 Angle of Incidence (°):

≥2.0 Optical Density OD (Average):

650.00 Cut-Off Wavelength (nm):

Fused Silica (Corning 7980) Substrate:

Traditional Coated Coating:

675 - 850 Rejection Wavelength (nm):

40-20 Surface Quality:

>85 Transmission (%):

400 - 630 Transmission Wavelength (nm):

λ/4 Transmitted Wavefront, P-V:

±3 Slope Factor (%):

±2 Cut-Off Tolerance (%):

400 - 850 Wavelength Range (nm):

## Regulatory Compliance

Compliant RoHS 2015:

Compliant Reach 224:

View Certificate of Conformance:

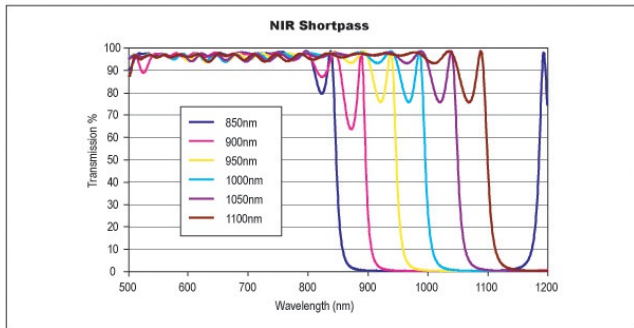
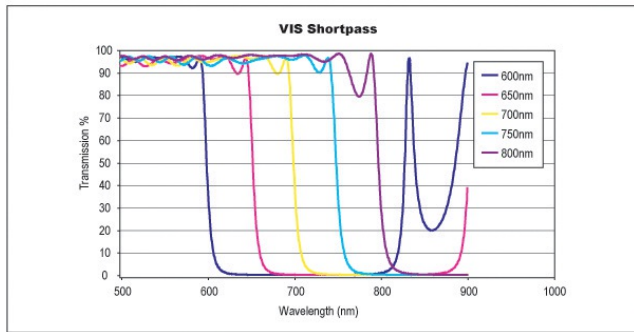
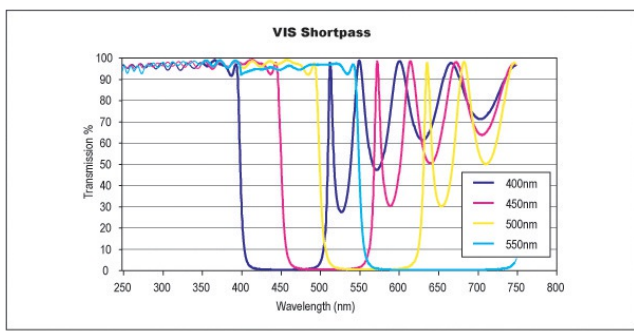
## Product Details

- Sharp Cut-Off Wavelength
- High Transmission / Rejection Efficiency
- Precision Fused Silica Substrate

Our TECHSPEC® OD 2.0 Shortpass Filters are designed to have a very sharp transition from transmission to reflection, making them extremely useful in several applications. With an average transmission of 85% and an average blocking optical density of 2.0, excellent contrast can be achieved in machine vision and gauging applications. Available in a variety of cut-off wavelengths, they are ideal for fluorescence applications, separating spectral orders, and creating custom, efficient bandpass filters when combined with [TECHSPEC® OD 2.0 Longpass Filters](#). TECHSPEC® OD 2.0 Shortpass Filters have a single layer of AR coating on the back surface that enhances the overall efficiency of each filter. These filters are designed with a precision fused silica substrate.

**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