

TECHSPEC<sup>®</sup> 750nm 50mm Diameter, OD 2.0 Shortpass Filter



TECHSPEC OD 2.0 Shortpass Filters

Stock **#64-668** CLEARANCE **20+ In Stock**

-

1

+

₹16,115

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | ₹16,115 each                  |
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Product Downloads

| General                          |                     |
|----------------------------------|---------------------|
| Shortpass Filter                 | Type:               |
| Physical & Mechanical Properties |                     |
| 50.00 +0.0/-0.2                  | Diameter (mm):      |
| 5.00 ±0.1                        | Thickness (mm):     |
| 80.00                            | Clear Aperture (%): |

| Optical Properties          |                               |
|-----------------------------|-------------------------------|
| 0                           | Angle of Incidence (°):       |
| ≥2.0                        | Optical Density OD (Average): |
| 750.00                      | Cut-Off Wavelength (nm):      |
| Fused Silica (Corning 7980) | Substrate: □                  |
| Traditional Coated          | Coating:                      |
| 800 - 990                   | Rejection Wavelength (nm):    |
| 40-20                       | Surface Quality:              |
| >85                         | Transmission (%):             |
| 400 - 725                   | Transmission Wavelength (nm): |
| λ/4                         | Transmitted Wavefront, P-V:   |
| ±3                          | Slope Factor (%):             |
| ±2                          | Cut-Off Tolerance (%):        |
| 400 - 990                   | Wavelength Range (nm):        |

| Regulatory Compliance               |                             |
|-------------------------------------|-----------------------------|
| Compliant                           | RoHS 2015:                  |
| Compliant                           | Reach 224:                  |
| View                                | Certificate of Conformance: |
| United States                       | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

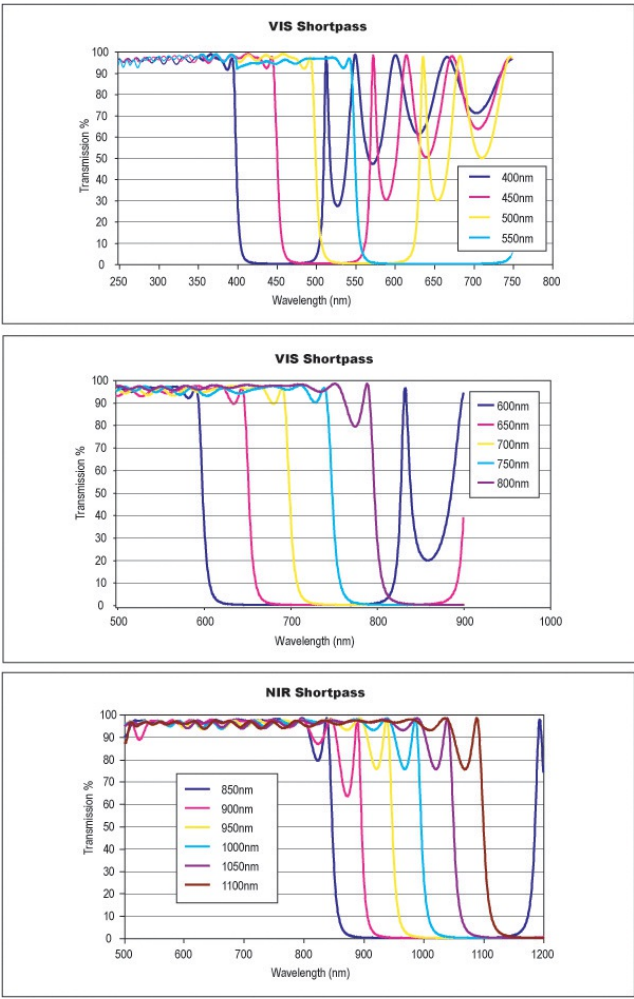
## Product Details

- 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