

TECHSPEC<sup>®</sup> 600nm 25mm Diameter, OD 2.0 Shortpass Filter



TECHSPEC OD 2.0 Shortpass Filters

Stock **#47-289** 20+ 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> |

**i** 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):       |
| 600.00                      | Cut-Off Wavelength (nm):            |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| Traditional Coated          | Coating:                            |
| 625 - 795                   | Rejection Wavelength (nm):          |
| 40-20                       | Surface Quality:                    |
| >85                         | Transmission (%):                   |
| 400 - 580                   | Transmission Wavelength (nm):       |
| λ/4                         | Transmitted Wavefront, P-V:         |
| ±3                          | Slope Factor (%):                   |
| ±2                          | Cut-Off Tolerance (%):              |
| 400 - 795                   | Wavelength Range (nm):              |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| Compliant             | Reach 219:                  |
| 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