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TECHSPEC® 750nm 12.5mm Diameter, OD 2.0 Shortpass Filter

TECHSPEC OD 2.0 Shortpass Filters

Stock **#47-817** **20+ In Stock**

- 1 + **€98**.00

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Volume Pricing	
Qty 1-5	**€98,00** each
Qty 6-25	**€88,00** each
Qty 26-49	**€84,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Shortpass Filter

Physical & Mechanical Properties

Diameter (mm):

12.50 +0.0/-0.2

Thickness (mm):

1.50 ±0.1

Clear Aperture (%):

80.00

Optical Properties

Angle of Incidence (°):

0

Optical Density OD (Average):

≥2.0

Cut-Off Wavelength (nm):

750.00

Substrate:

Fused Silica (Corning 7980)

Coating:

Traditional Coated

Rejection Wavelength (nm):

800 - 990

Surface Quality:

40-20

Transmission (%):

>85

Transmission Wavelength (nm):

400 - 725

Transmitted Wavefront, P-V:

λ/4

Slope Factor (%):

±3

Cut-Off Tolerance (%):

±2

Wavelength Range (nm):

400 - 990

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

View

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.

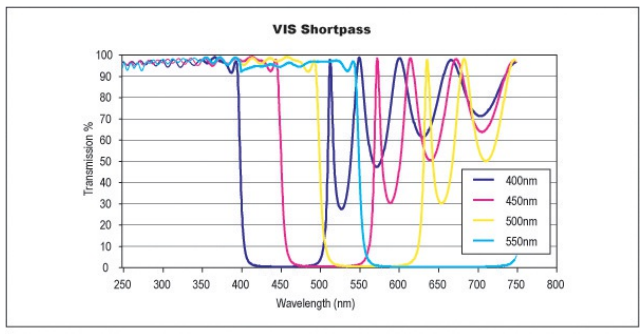
Product Details

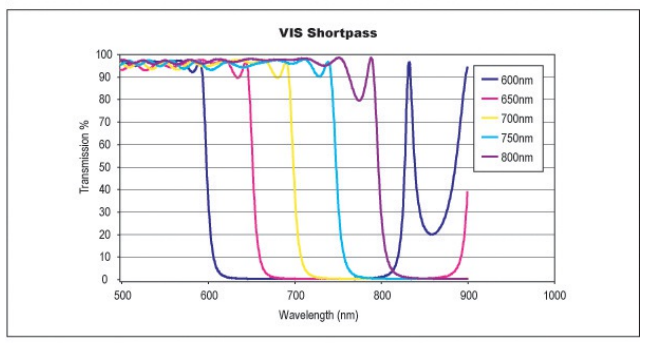
- Sharp Cut-Off Wavelength
- High Transmission / Rejection Efficiency
- Precision Fused Silica Substrate

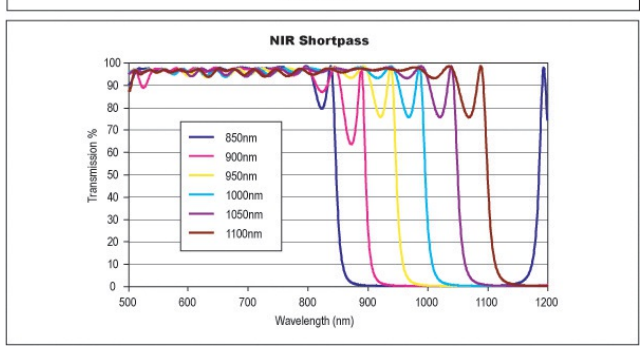
Our TECHSPEC® OD 2.0 Shortpass Filters are designed to have a very sharp transition from transmission to reflection, making them extremely useful in several applications. With an average transmission of 85% and an average blocking optical density of 2.0, excellent contrast can be achieved in machine 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.**

Technical Information







Compatible Mounts

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