TECHSPEC 725nm 50mm Diameter, OD 2.0 Shortpass Filter

TECHSPEC OD 2.0 Shortpass Filters

Stock **#64-614** **20+ In Stock**

- 1 + **€240**.00

ADD TO CART

Volume Pricing	
Qty 1-5	**€240,00** each
Qty 6-25	**€216,00** each
Qty 26-49	**€205,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:	Shortpass Filter

Physical & Mechanical Properties

Diameter (mm): 50.00 +0.0/-0.2	**Thickness (mm):** 5.00 ±0.1
Clear Aperture (%): 80.00	

Optical Properties

Angle of Incidence (°): 0	**Optical Density OD (Average):** ≥2.0
Cut-Off Wavelength (nm): 725.00	**Substrate:** Fused Silica (Corning 7980)
Coating: Traditional Coated	**Rejection Wavelength (nm):** 750 - 925
Surface Quality: 40-20	**Transmission (%):** >85
Transmission Wavelength (nm): 400 - 705	**Transmitted Wavefront, P-V:** λ/4
Slope Factor (%): ±3	**Cut-Off Tolerance (%):** ±2
Wavelength Range (nm): 400 - 925	

Regulatory Compliance

RoHS 2015: Compliant	**Reach 219:** Compliant
Certificate of Conformance: View	

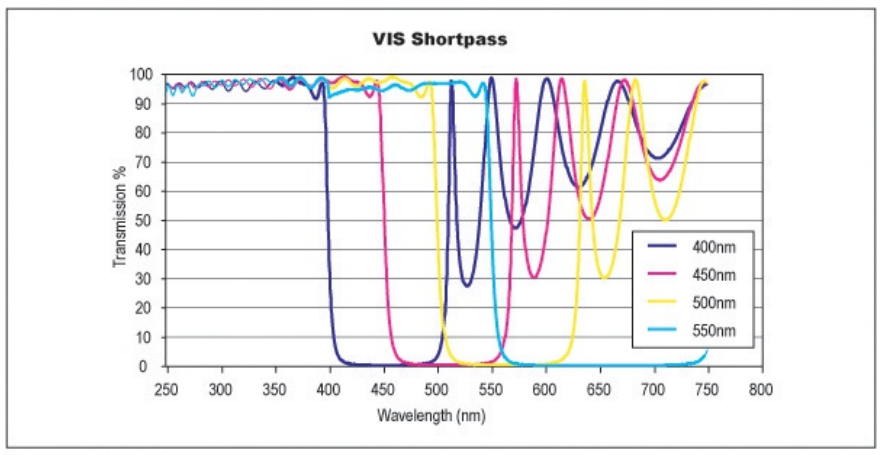
PRODUCT DETAILS

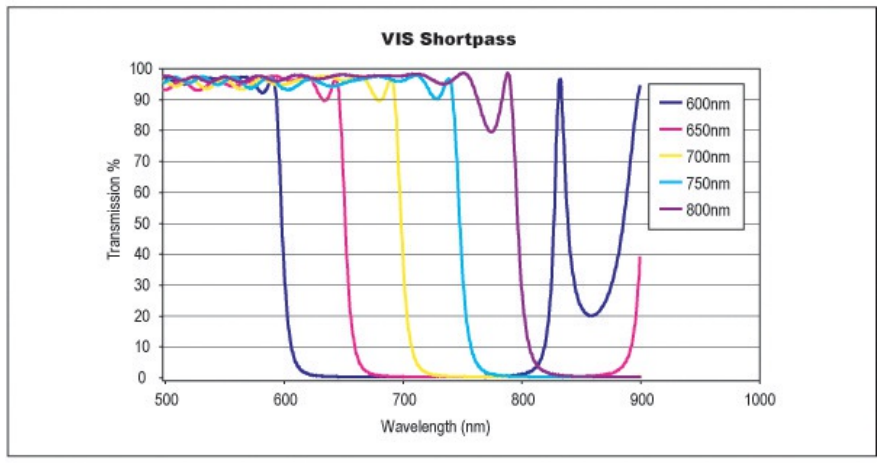
- Sharp Cut-Off Wavelength
- High Transmission / Rejection Efficiency
- Precision Fused Silica Substrate

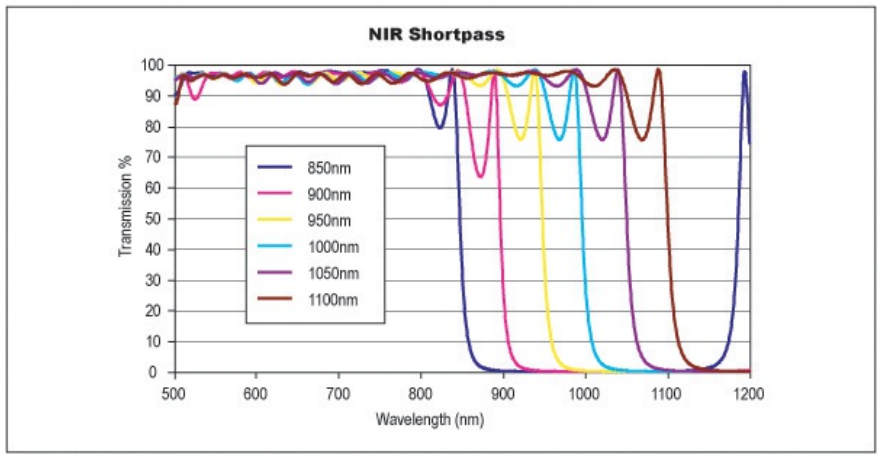
Our TECHSPEC® OD 2.0 Shortpass Filters are designed to have a very sharp transition from transmission to reflection, making them extremely useful in several applications. With an average transmission of 85% and an average blocking optical density of 2.0, excellent contrast can be achieved in machine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







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