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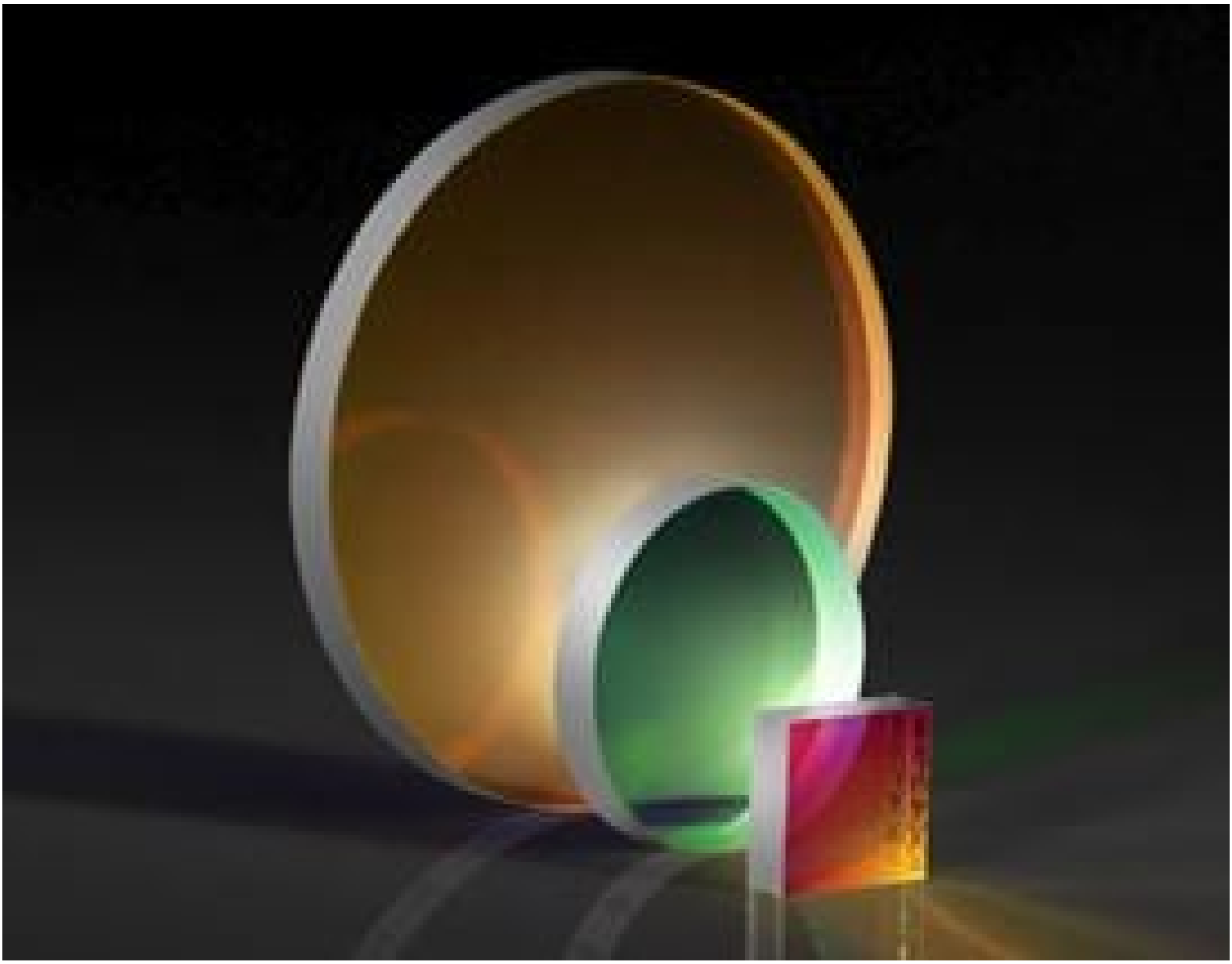
450nm, 6 x 6mm, OD 2.0 Shortpass Filter



OD 2.0 Shortpass Filters

Stock **#15-234** **3 In Stock**

- 1 + **€50**.00

ADD TO CART

Volume Pricing	
Qty 1-9	**€50,00** each
Qty 10-25	**€45,00** each
Qty 26-49	**€42,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Shortpass Filter

Physical & Mechanical Properties

Dimensions (mm):

6.00 x 6.00 +0.00/-0.20

Length (mm):

6.00

Thickness (mm):
2.00 ±0.10

Width (mm):
6.00

Clear Aperture (%):
90

Physical Durability:
MIL-C-48497A, Section 3.4.1

Optical Properties

Angle of Incidence (°):
0

Optical Density OD (Average):
≥2.0

Cut-Off Wavelength (nm):
450.00 ±9

Substrate:
BOROFLOAT®

Coating:
Hard Coated

Rejection Wavelength (nm):
470 - 570

Surface Quality:
60-40

Transmission (%):
≥85

Transmission Wavelength (nm):
325 - 430

Wavelength Range (nm):
325 - 570

Environmental & Durability Factors

Environmental Durability:
MIL-STD-810F, Section 507.4

Regulatory Compliance

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

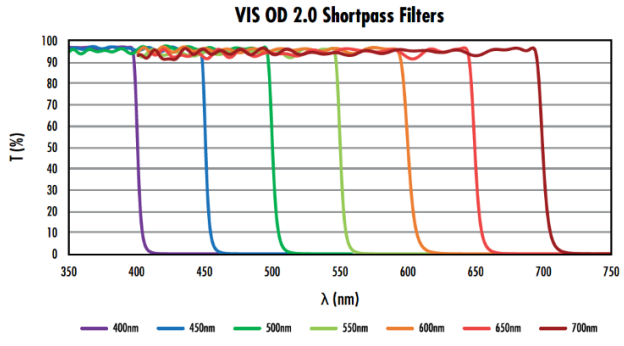
Learn more about our custom manufacturing capabilities or submit an inquiry here.

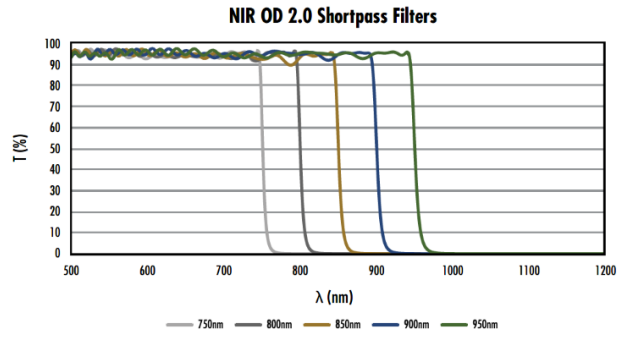
Product Details

- Sharp Cut-Off Wavelength
- ≥85% Transmission and OD 2.0 Blocking
- 6mm Square or 12.5/25mm Diameter Sizes
- **TECHSPEC® OD 4.0 Shortpass Filters** Also Available

OD 2.0 Shortpass Filters are cost-effective filters that provide high transmission across their transmission band and OD 2.0 blocking across their rejection band. These shortpass filters are available with cut-off wavelengths covering the visible and near-infrared spectra from 400 to 950nm. By combining these filters with our OD 2.0 Longpass Filters, custom bandpass filters can be created to meet specific application requirements. OD 2.0 Shortpass Filters are ideal for fluorescence and spectral order separation applications, with the 6 x 6mm sized filters being suited for integration into optical instrumentation. The back surface of each filter is coated with an antireflection (AR) coating, increasing the overall throughput of the filter.

Technical Information





Compatible Mounts

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