

450nm, 12.5mm Dia., OD 2.0 Shortpass Filter



OD 2.0 Shortpass Filters

Stock #15-245 **11 In Stock**

- 1 + MRP ₹9,080

Price inclusive of all taxes

ADD TO CART

Volume Pricing

Qty 1-9	₹9,080 each
Qty 10-25	₹8,173 each
Qty 26-49	₹7,567 each
Need More?	Request Quote

Product Downloads

General

Shortpass Filter **Type:**

Physical & Mechanical Properties

12.50 +0.00/-0.20 **Diameter (mm):**

Thickness (mm):

2.00 ±0.10

90 **Clear Aperture (%)**

ML-C-48497A, Section 3.4.1 **Physical Durability:**

Optical Properties

0 **Angle of Incidence (°)**

≥2.0 **Optical Density OD (Average)**

450.00 ±9 **Cut-Off Wavelength (nm)**

BOROFLOAT® **Substrate:** □

Hard Coated **Coating:**

470 - 570 **Rejection Wavelength (nm)**

60-40 **Surface Quality:**

≥85 **Transmission (%)**

325 - 430 **Transmission Wavelength (nm)**

325 - 570 **Wavelength Range (nm)**

Environmental & Durability Factors

ML-STD-810F, Section 507.4 **Environmental Durability:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

United States **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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