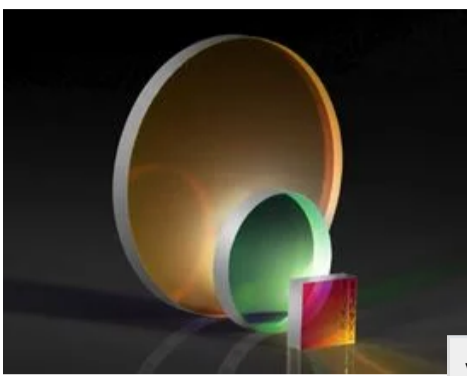


# 650nm, 25mm Dia., OD 2.0 Shortpass Filter



OD 2.0 Shortpass Filters

Stock #15-260 **20+ In Stock**

1 £92<sup>.00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | £92.00 each                   |
| Qty 10-25      | £83.20 each                   |
| Qty 26-49      | £77.60 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

| Product Downloads |                              |
|-------------------|------------------------------|
| STEP:step         | Curve:pdf                    |
| PDF Drawing:pdf   | IGES:igs                     |
| eDrawing:eprt     |                              |
| EO Spec Sheet     | <a href="#">Download All</a> |

## General

**Type:** Shortpass Filter

## Physical & Mechanical Properties

|  |   |
|--|---|
| <b>Diameter (mm):</b> 25.00<br>+0.00/-0.20 | <b>Thickness (mm):</b> 2.00 ±0.10                       |
| <b>Clear Aperture (%):</b> 90              | <b>Physical Durability:</b> MIL-C-48497A, Section 3.4.1 |

## Optical Properties

|  |   |
|--|---|
| <b>Angle of Incidence (°):</b> 0               | <b>Optical Density OD (Average):</b> ≥2.0   |
| <b>Cut-Off Wavelength (nm):</b> 650.00 ±13     | <b>Substrate:</b> <b>BOROFLOAT®</b>         |
| <b>Coating:</b> Hard Coated                    | <b>Rejection Wavelength (nm):</b> 675 - 850 |
| <b>Surface Quality:</b> 60-40                  | <b>Transmission (%):</b> ≥85                |
| <b>Transmission Wavelength (nm):</b> 400 - 630 | <b>Wavelength Range (nm):</b> 400 - 850     |

## Environmental & Durability Factors

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

## Regulatory Compliance

RoHS 2015: **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
- ≥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

## Frequently Purchased Together



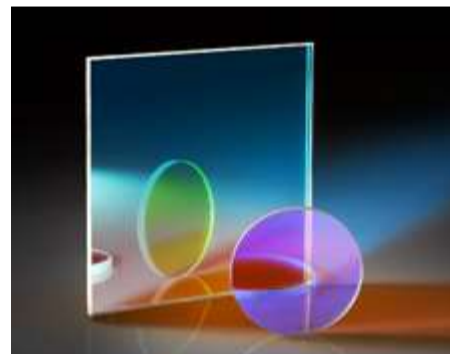
#01-307 - 25,400 Lines/Inch, 2" Square Card, 15/Pack, Holographic Diffraction Grating Film  
**£22.80**

Qty



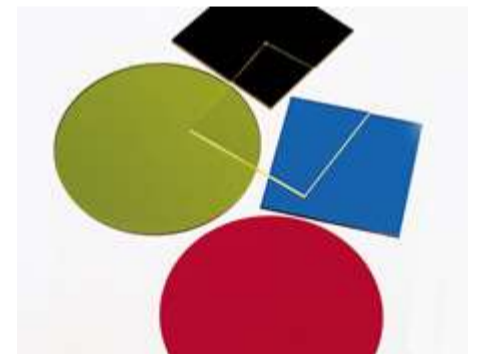
#39-418 - 3" x 5" 200 filters, Rosco Color Filter Swatchbook  
**£60.40**

Qty



#39-912 - 50mm Square, Cyan Dichroic Filter  
**£35.80**





Qty















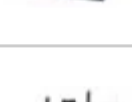



























#43-930 - 1" Dia. Green Optical Cast Plastic Filter  
**£16.40**

Qty

## Compatible Mounts

|   | Title  | Type  | Compare | Stock Number | Price  | Buy   |
|---|--|-------|---------|--------------|--|---|
|   | 25.0/25.4mm Optic Dia., SM1 Thin Mount, M4   | Fixed |         | #13-787      | <b>£16.80</b><br><a href="#">Request Quote</a> | 9 In Stock <input type="text" value="1"/>   |
|   | 25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32 | Fixed |         | #13-788      | <b>£16.80</b><br><a href="#">Request Quote</a> | 20+ In Stock <input type="text" value="1"/> |

|   | Title   | Type                     | Compare | Stock Number                | Price                                    | Buy   |
|---|---|--------------------------|---------|-----------------------------|--|---|
| <a href="#">MORE+</a>    | 25.0mm Optic Dia., Optic Mount                                    | Fixed                    |         | #64-560                     | £26.20<br><a href="#">Request Quote</a>  | <a href="#">CONTACT US</a> <input type="text" value="1"/>    |
| <a href="#">MORE+</a>    | 25.0/25.4mm Optic Dia., L-Slot Direct Mount                       | Fixed                    |         | #36-410                     | £54.40<br><a href="#">Request Quote</a>  | 15 In Stock <input type="text" value="1"/>                   |
| <a href="#">MORE+</a>    | 25.0/25.4mm Optic Dia., Side Flange Direct Mount                  | Fixed                    |         | #36-414                     | £56.80<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                  |
| <a href="#">MORE+</a>    | 25.0/25.4mm Optic Dia., Optical Cell Assembly                     | Fixed                    |         | #36-461<br><b>CLEARANCE</b> | £76.76<br><a href="#">Request Quote</a>  | 2 In Stock <input type="text" value="1"/>                    |
| <a href="#">MORE+</a>    | 25.0/25.4mm Optic Dia., Kinematic Mount, 2-Screws                 | Adjustable - Tip-Tilt    |         | #58-851                     | £78.80<br><a href="#">Request Quote</a>  | <a href="#">CONTACT US</a> <input type="text" value="1"/>    |
| <a href="#">MORE+</a>    | 25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount          | Adjustable - Rotary      |         | #36-411                     | £81.60<br><a href="#">Request Quote</a>  | 5 In Stock <input type="text" value="1"/>                    |
| <a href="#">MORE+</a>  | 5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder           | Fixed                    |         | #55-529                     | £81.60<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                |
| <a href="#">MORE+</a>  | 7.0 - 40.0 Optic Height, English Bar-Type Optic Holder            | Fixed                    |         | #03-676                     | £84.80<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws                 | Adjustable - Tip-Tilt    |         | #58-854                     | £85.60<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                |
| <a href="#">MORE+</a>  | 10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder          | Fixed                    |         | #55-530                     | £86.40<br><a href="#">Request Quote</a>  | <a href="#">CONTACT US</a> <input type="text" value="1"/>  |
| <a href="#">MORE+</a>  | 7.0 - 67.0 Optic Height, English Bar-Type Optic Holder            | Fixed                    |         | #03-669                     | £92.80<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                |
| <a href="#">MORE+</a>  | 8.0 - 118.0 Optic Height, English Bar-Type Optic Holder           | Fixed                    |         | #03-666                     | £96.00<br><a href="#">Request Quote</a>  | 20+ In Stock <input type="text" value="1"/>                |
| <a href="#">MORE+</a>  | 4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp                 | Fixed                    |         | #16-077                     | £125.60<br><a href="#">Request Quote</a> | 5 In Stock <input type="text" value="1"/>                  |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 2-Screws | Adjustable - Tip-Tilt    |         | #26-815                     | £128.80<br><a href="#">Request Quote</a> | 4 In Stock <input type="text" value="1"/>                  |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 3-Screws | Adjustable - Tip-Tilt    |         | #26-818                     | £145.60<br><a href="#">Request Quote</a> | 9 In Stock <input type="text" value="1"/>                  |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., X-Y Translating Optic Mount               | Adjustable - Linear (XY) |         | #62-956                     | £220.80<br><a href="#">Request Quote</a> | <a href="#">CONTACT US</a> <input type="text" value="1"/>  |
| <a href="#">MORE+</a>  | 5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp                | Fixed                    |         | #16-078                     | £328.00<br><a href="#">Request Quote</a> | <a href="#">CONTACT US</a> <input type="text" value="1"/>  |

|   | Title   | Type                                 | Compare | Stock Number | Price                                    | Buy   |
|---|---|--------------------------------------|---------|--------------|--|---|
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., Precision Gimbal Mount        | Adjustable - Gimbal                  |         | #54-999      | £368.80<br><a href="#">Request Quote</a> | 4 In Stock <input type="text" value="1"/>  |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount | Adjustable - Linear (XYZ)            |         | #62-959      | £432.00<br><a href="#">Request Quote</a> | 6 In Stock <input type="text" value="1"/>  |
| <a href="#">MORE+</a>  | 25.0/25.4mm Optic Dia., 5 Axes Optical Mount          | Adjustable - Linear (XYZ) & Tip-Tilt |         | #13-776      | £604.00<br><a href="#">Request Quote</a> | 2 In Stock <input type="text" value="1"/>  |

Check out our full selection of mounts [here](#).

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

**APPLICATION NOTE**

The Importance of Optical Filter Orientation....

**APPLICATION NOTE**

Custom Bandpass Filter using Shortpass an...

**VIDEO**

Optical Filters Review

**VIDEO**

Optical Filter Coatings: Comparison of Traditional a...

**PUBLISHED ARTICLE**

Selecting Color Filter Glass for Life Science Applications

**FAQ**

What type of material should I look for in a filter?

[View More](#)