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675nm 12.5mm, Ultra-Thin OD4 Shortpass Filter

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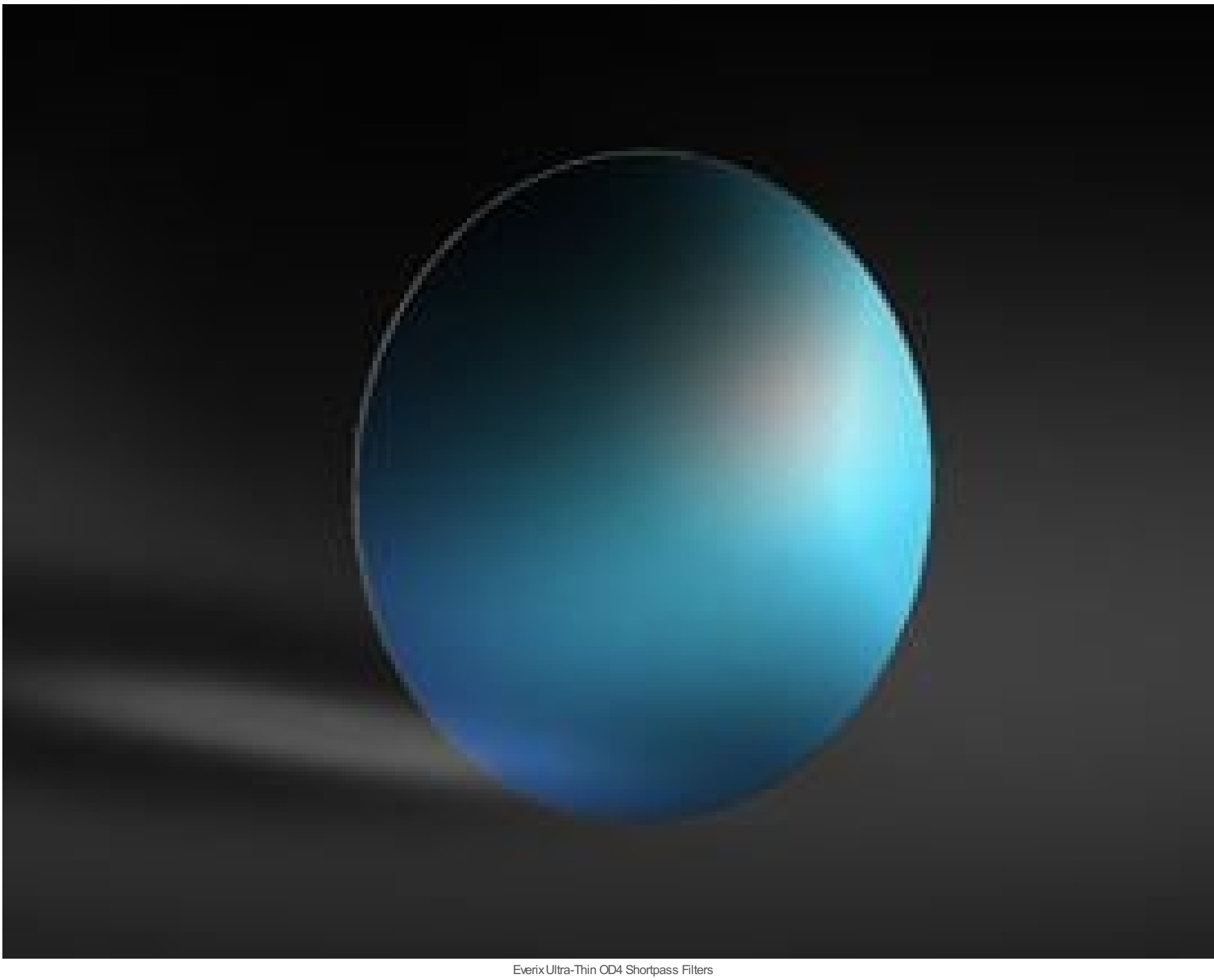

Everix Ultra-Thin OD4 Shortpass Filters

Stock **#29-205** **4 In Stock**

- 1 + **€153**.00

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Volume Pricing	
Qty 1-10	**€153,00** each
Qty 11+	**€137,50** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Shortpass Filter

Physical & Mechanical Properties

Diameter (mm):

12.45 ±0.15

Thickness (mm):

0.30

Clear Aperture (%):

90

Optical Properties

Optical Density OD (Average):

≥4.0

Cut-Off Wavelength (nm):

675.00 ±13.5

Rejection Wavelength (nm):

698.8 - 777.3

Transmission (%):

>80% (average)

Transmission Wavelength (nm):

400 - 651.6

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

- Ultra-thin 300µm Construction
- OD ≥4.0 Blocking and >85% Average Transmission
- Lightweight and Scratch Insensitive

Everix Ultra-Thin OD 4.0 Shortpass Filters are constructed from layers of ultra-thin polymers and dyes that deliver the same performance as thick traditional filters but in a compact 300µm, flexible filter design. These filters cover wavelengths from the visible to the near infrared (NIR) regions and offer rejection levels meeting optical densities ≥4.0 while providing >85% average transmission. Custom bandpass filters can be created by combining these filters with the **Everix Ultra-Thin OD4 Longpass Filters** to assist with the elimination of stray light. Everix Ultra-Thin OD 4.0 Shortpass Filters are ideal for a variety of weight sensitive applications in medical technology, automation, and autonomous vehicles. Everix's proprietary ultra-thin filter technology yields filters which are less sensitive to scratches and other imperfections than comparable coated filters.

Note: For custom filter designs please **contact us** for more information.

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