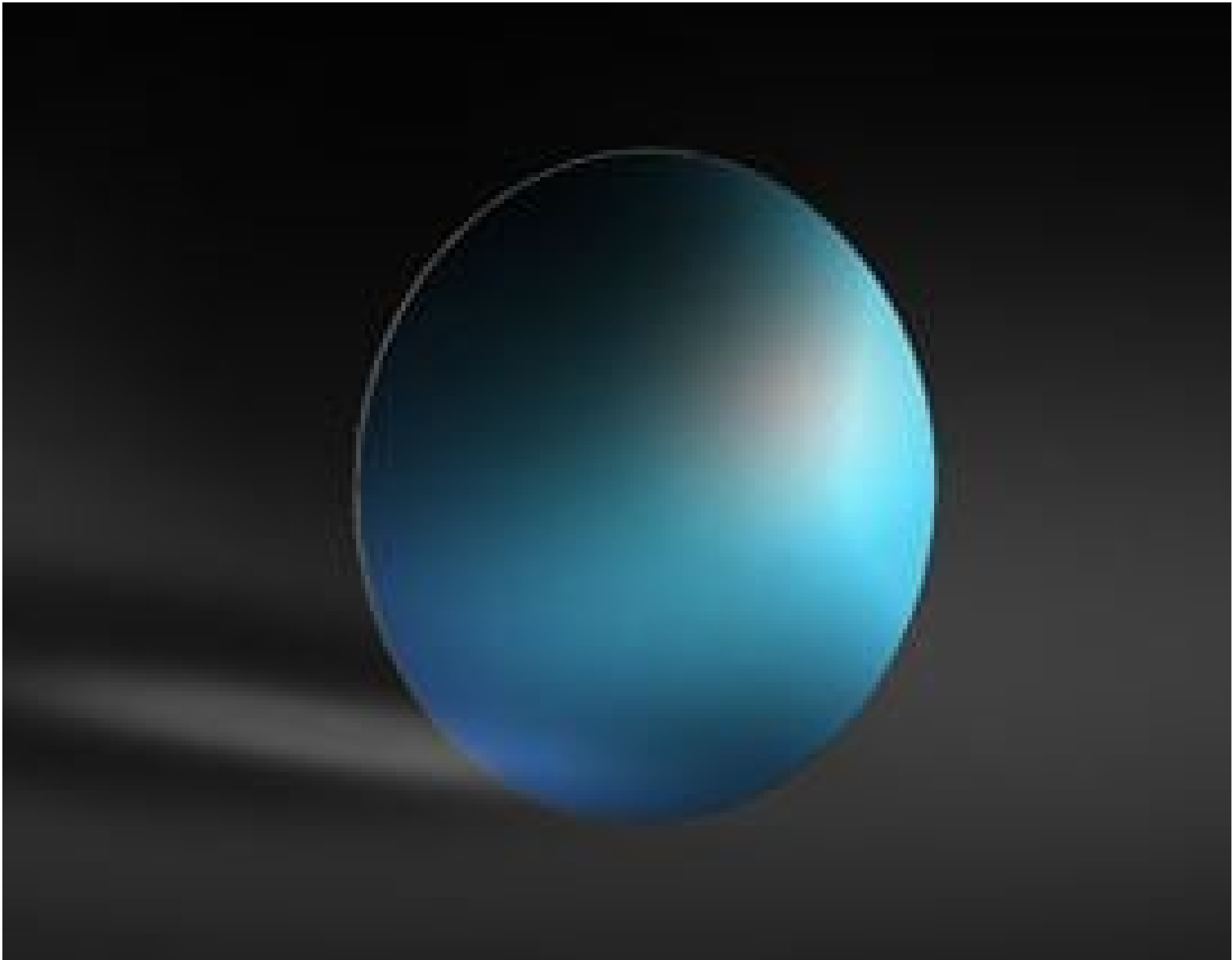


800nm 12.5mm, Ultra-Thin OD4 Shortpass Filter

See More by [Everix](#)



Everix Ultra-Thin OD4 Shortpass Filters

Stock **#29-208** **3 In Stock**

-

1

+

€162^{.00}

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Volume Pricing	
Qty 1-10	€162,00 each
Qty 11+	€137,50 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

	Type:
Shortpass Filter	

Physical & Mechanical Properties

12.45 ±0.15	Diameter (mm):
	Thickness (mm):

0.30	
90	Clear Aperture (%):
Optical Properties	
≥4.0	Optical Density OD (Average):
800.00 ±16.0	Cut-Off Wavelength (nm):
828.2 - 921.2	Rejection Wavelength (nm):
>80% (average)	Transmission (%):
400 - 772.2	Transmission Wavelength (nm):
Regulatory Compliance	
View	Certificate of Conformance:

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](#).

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.