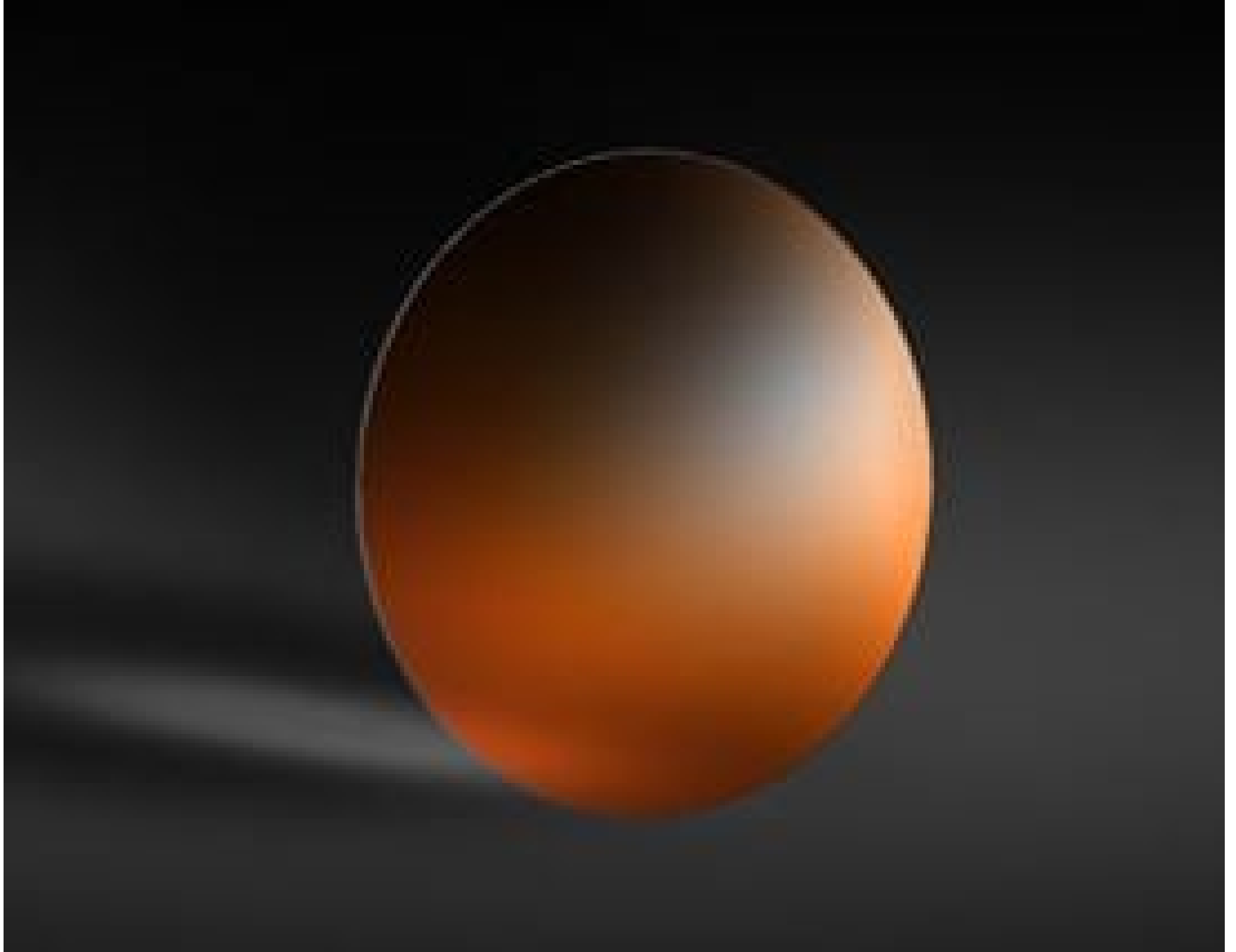


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## 450nm 12.5mm, Ultra-Thin OD4 Longpass Filter

See More by [Everix](#)



Everix Ultra-Thin OD4 Longpass Filters

Stock **#29-188** **3 In Stock**

1  £122<sup>40</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-10	£122.40 each
Qty 11+	£110.00 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Longpass Filter **Type:**

#### Physical & Mechanical Properties

12.45 ±0.15 **Diameter (mm):**

**Thickness (mm):**

0.30

Clear Aperture (%):

90

## Optical Properties

Optical Density OD (Average):

≥4.0

Cut-On Wavelength (nm):

450.00 ±9.0

Rejection Wavelength (nm):

378.7 - 434.4

Transmission (%):

>85% (average)

Transmission Wavelength (nm):

465.9 - 1100

## Regulatory Compliance

Certificate of Conformance:

[View](#)

## Product Details

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

Everix Ultra-Thin OD 4.0 Longpass 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 Shortpass Filters](#) to assist with the elimination of stray light. Everix Ultra-Thin OD 4.0 Longpass 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.

## 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](#).