

600nm 12.5mm, Ultra-Thin OD4 Longpass Filter

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Everix Ultra-Thin OD4 Longpass Filters

Stock **#29-193** **2 In Stock**

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1

+

£122^{.40}

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Volume Pricing	
Qty 1-10	£122.40 each
Qty 11+	£110.00 each
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Product Downloads

General

	Type:
Longpass 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):
600.00 ±12.0	Cut-On Wavelength (nm):
504.9 - 579.2	Rejection Wavelength (nm):
>85% (average)	Transmission (%):
621.2 - 1100	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 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.