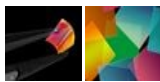


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# Everix Ultra-Thin OD 2 Longpass Filter, 500nm, 12.5mm Square

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**General**

Flexible Filter Type:

**Physical & Mechanical Properties**

12.5 x 12.5 Dimensions (mm):

12.50 Length (mm):

Width (mm):

12.50

Dimensional Tolerance (mm):

±0.1

Clear Aperture (%):

>90

## Optical Properties

Optical Density OD (Average):

2.0 (absolute)

Cut-On Wavelength (nm):

500.00

Transmission (%):

>85 (average)

Cut-On Tolerance (%):

±3 typical

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

## Product Details

- Ultra-Thin, Flexible Substrate
- Sharp Cut-On Wavelength Designs
- Extruded Thin Film, Insensitive to Scratches

Everix Ultra-Thin Longpass Filters combine high performance and low cost in a new class of thin film interference filters that are flexible, scratch insensitive, and ultra-thin (200 - 500µm). These filters feature cut-on wavelengths in the visible range with cut-on tolerances of ±3% typical and >85% average transmission. The flexible extruded thin film filters are complex multilayer filters, which excel across a variety of needs, including longpass, edge, and notch filters. Everix Ultra-Thin Longpass Filters are ideal for demanding vision and medical technology applications.

**Note:** Custom filter designs can be purchased directly from [Everix](#).

## Technical Information

