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## Everix Ultra-Thin OD 2 Bandpass Filter, 450nm, 12.5mm Dia.

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Stock #16-830 **10 In Stock**

- 1 + A\$122<sup>40</sup>

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#### General

Flexible Filter **Type:**

#### Physical & Mechanical Properties

12.45 ±0.15 **Diameter (mm):**

>90 **Clear Aperture (%):**

**Maximum Thickness (µm):**

## Optical Properties

Optical Density OD (Average):

2.0

Center Wavelength CWL (nm):

450.00

Full Width-Half Max FWHM (nm):

29.50 (maximum)

Transmission (%):

>65% Average

Center Wavelength CWL Tolerance (%):

±2

## Regulatory Compliance

Certificate of Conformance:

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## Product Details

- Designed for Common LED and Laser Diode Wavelengths
- Scratch Insensitive, Ultra-Thin Design
- Easily Integrated into Portable Devices

Everix Ultra-Thin Broadband Bandpass Filters are designed for common LED and laser diode wavelengths. With an exterior polymeric protective layer, these filters are scratch-insensitive, shatterproof, and easy to clean. These filters feature an average transmission of 65%, average optical density of 2.0, and maximum thickness of 400  $\mu\text{m}$ . Ultra-Thin Broadband Bandpass Filters are created with a lightweight, ultra-thin design and can be easily integrated into portable systems, including point of care medical devices, AR/VR wearables, and spaceborne systems.

For more information on this patented ultra-thin filter technology, visit our [Everix brand page](#).

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

## Technical Information

