

[See all 30 Products in Family](#)

## Everix OD4 Ultra-Thin Bandpass Filter, 450nm CWL, 12.5mm Dia.

See More by [Everix](#)



Everix Ultra-Thin OD4 Bandpass Filters

Stock **#90-068** NEW CONTACT US

⊖ 1 ⊕ **S\$210<sup>.00</sup>**

ADD TO CART

Volume Pricing	
Qty 1-10	<b>S\$210.00</b> each
Qty 11+	<b>S\$189.00</b> each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Flexible Filter Type:

**Physical & Mechanical Properties**

12.50 ±0.20 Diameter (mm):

>90 Clear Aperture CA (mm):

Maximum Thickness ( $\mu\text{m}$ ):  
<400

## Optical Properties

Angle of Incidence ( $^\circ$ ):  
0

Optical Density OD (Average):  
4.0

Average Transmission (%):  
>50%

Center Wavelength CWL (nm):  
450.00  $\pm$ 4.50

Full Width-Half Max FWHM (nm):  
10.00  $\pm$ 5.00

Transmission (%):  
>65 Max

Transmission Wavelength (nm):  
447.5 - 452.5 (Average)

Blocking Wavelength Range (nm):  
395.65 - 431.65; 468.65 - 504.65 (1% Transmission)

## Regulatory Compliance

Certificate of Conformance:  
[View](#)

## Product Details

- Scratch Insensitive, Ultra-Thin Design
- Central Wavelengths Ranging from 400 - 1064nm
- High Average Transmission of >65%
- Narrow, 10nm Bandwidth

Everix Ultra-Thin OD4 Bandpass Filters are ultra-thin, high-performance optical components designed for precision light filtering across the visible to near-infrared spectrum. With central wavelengths ranging from 400 to 1064nm and a narrow 10nm  $\pm$  5nm FWHM, these filters offer excellent spectral selectivity and are a cost-effective alternative to traditional glass filters without compromising performance. These filters feature a <0.4 mm acrylic design, which allows for lightweight, flexible integration into a wide range of portable devices. Everix Ultra-Thin OD4 Bandpass Filters deliver exceptional durability and transmission even without anti-reflective coatings. These bandpass filters are ideal for research, sensing, and industrial applications.