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## Everix OD4 Ultra-Thin Bandpass Filter, 500nm CWL, 12.5mm Dia.

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Everix Ultra-Thin OD4 Bandpass Filters

Stock **#90-071** NEW CONTACT US

⊖ 1 ⊕ **C\$210<sup>.00</sup>**

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**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):  
500.00  $\pm$  5.00

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

Transmission (%):  
>65 Max

Transmission Wavelength (nm):  
497.5 - 502.5 (Average)

Blocking Wavelength Range (nm):  
440.15 - 480.15; 520.15 - 560.15 (1% Transmission)

## Regulatory Compliance

Certificate of Conformance:  
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## 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.