

[See all 30 Products in Family](#)

Everix OD4 Ultra-Thin Bandpass Filter, 640nm CWL, 12.5mm Dia.

See More by [Everix](#)



Everix Ultra-Thin OD4 Bandpass Filters

Stock **#90-080** NEW CONTACT US

⊖ 1 ⊕ **A\$240^{.00}**

ADD TO CART

Volume Pricing	
Qty 1-10	A\$240.00 each
Qty 11+	A\$216.00 each
Need More?	Request Quote

Product Downloads

General

Flexible Filter Type:

Physical & Mechanical Properties

12.50 ±0.20 Diameter (mm):

>90 Clear Aperture CA (mm):

Maximum Thickness (μm):
<400

Optical Properties

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

Optical Density OD (Average):
4.0

Average Transmission (%):
>50%

Center Wavelength CWL (nm):
640.00 \pm 6.40

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

Transmission (%):
>65 Max

Transmission Wavelength (nm):
637.5 - 642.5 (Average)

Blocking Wavelength Range (nm):
564.75 - 615.95; 664.35 - 715.55 (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.