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# Everix OD4 Ultra-Thin Bandpass Filter, 550nm CWL, 12.5mm Dia.

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Everix Ultra-Thin OD4 Bandpass Filters

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-

1

+

MRP ₹13,859

Price inclusive of all taxes

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General

Flexible Filter

Type:

Physical & Mechanical Properties

12.50 ±0.20

Diameter (mm):

>90

Clear Aperture CA (mm):

Maximum Thickness (µm):

| <400                                                                                  |                                |
|---------------------------------------------------------------------------------------|--------------------------------|
| Optical Properties                                                                    |                                |
| 0                                                                                     | Angle of Incidence (°):        |
|                                                                                       |                                |
| 4.0                                                                                   | Optical Density OD (Average):  |
|                                                                                       |                                |
| >50%                                                                                  | Average Transmission (%):      |
|                                                                                       |                                |
| 550.00 ±5.50                                                                          | Center Wavelength CWL (nm):    |
|                                                                                       |                                |
| 10.00 ±5.00                                                                           | Full Width-Half Max FWHM (nm): |
|                                                                                       |                                |
| >65 Max                                                                               | Transmission (%):              |
|                                                                                       |                                |
| Transmission Wavelength (nm):<br>547.5 - 552.5 (Average)                              |                                |
| Blocking Wavelength Range (nm):<br>484.65 - 528.65; 571.65 - 615.65 (1% Transmission) |                                |

| Regulatory Compliance                                                                                                                                                                                                  |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <a href="#">View</a>                                                                                                                                                                                                   | Certificate of Conformance: |
|                                                                                                                                                                                                                        |                             |
| United States                                                                                                                                                                                                          | Country of Origin:          |
|                                                                                                                                                                                                                        |                             |
| Imported By:<br>Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91-80-6845 0000 |                             |

## 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 ± 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.