

[See all 22 Products in Family](#)

Everix Ultra-Thin OD 6 Notch Filter, 647nm, 12.5mm Diameter

See More by [Everix](#)



OD 6.0 Ultra-Thin Notch Filters

Stock **#14-761** **4 In Stock**

MRP ₹42,172

1 Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-10	₹42,172 each
Qty 11-25	₹38,036 each
Qty 26-49	₹36,018 each
Need More?	Request Quote

Product Downloads

General

Notch Filter **Type:**

Physical & Mechanical Properties

12.50 +0.1/-0.2 **Diameter (mm):**

Clear Aperture (%):

>90

Maximum Thickness (μm):

300

Optical Properties

Optical Density OD (Average):

≥ 6.0

Center Wavelength CWL (nm):

647.00 \pm 12.94

Full Width-Half Max FWHM (nm):

51.76 (maximum)

Transmission (%):

$T_{\text{avg}} > 85\%$ @ 400 - 611.4nm, 682.6 - 1200nm

Transmission Wavelength (nm):

400 - 1200

Regulatory Compliance

Certificate of Conformance:

[View](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- OD 6.0 Blocking at Laser Wavelengths from 405 to 1064nm
- 300 μm Maximum Thickness
- Flexible and Scratch Insensitive

Everix Ultra-Thin OD 6.0 Notch Filters have a maximum thickness of 300 microns and provide the same deep OD 6.0 blocking as traditional notch filters. Constructed from layers of ultra-thin polymers and dyes, these filters are scratch insensitive and can be flexed to conform to curved surfaces. Outside of their OD 6.0 blocking bandwidth, these filters provide high throughput with >85% average transmission. Everix Ultra-Thin OD 6.0 Notch Filters are available with center wavelengths corresponding to common laser wavelengths, including 405nm, 532nm, 633nm, 785nm, and 1064nm. These notch filters are ideal for integration into space or weight sensitive devices as well as general laser-based Raman spectroscopy systems.

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