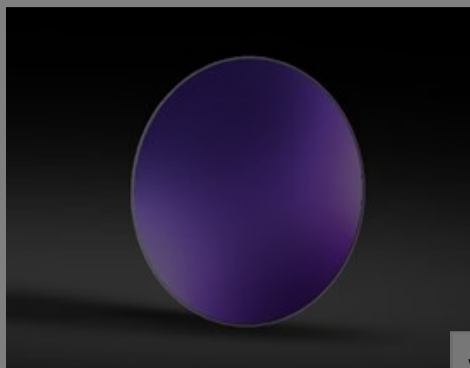


[All Products](#) / [Optics](#) / [Optical Filter](#)
/ [Everix Ultra-Thin OD2 Broadband](#)

[See all 14 Products in Family](#)

Everix Ultra-Thin

See More by [Everix](#)



Stock #16-840 **3 In Stock**

1

€76^{.50}

ADD TO CART

Volume Pricing	
Qty 1-10	€76,50 each
Qty 11+	€67,50 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Flexible Filter

Physical & Mechanical Properties

Diameter (mm): 12.45 ±0.15

Clear Aperture (%): >90

Maximum Thickness (µm): 400

Optical Properties

Optical Density OD (Average): 2.0

Center Wavelength CWL (nm): 850.00

Full Width-Half Max FWHM (nm): 33.50 (maximum)

Transmission (%): >65% Average

Center Wavelength CWL Tolerance (%): ±2

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- Designed for Common LED and Laser Diode Wavelengths
- Scratch Insensitive, Ultra-Thin Design
- Easily Integrated into Portable Devices

Everix Ultra-Thin Broadband Bandpass Filters are designed for common LED and laser diode wavelengths. With an exterior polymeric protective layer, these filters are scratch-insensitive, shatterproof, and easy to clean. These filters feature an average transmission of 65%, average optical density of 2.0, and maximum thickness of 400 µm. Ultra-Thin Broadband Bandpass Filters are created with a lightweight, ultra-thin design and can be easily integrated into portable systems, including point of care medical devices, AR/VR wearables, and spaceborne systems.

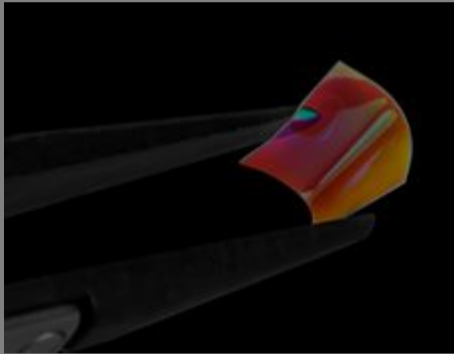
For more information on this patented ultra-thin filter technology, visit our [Everix brand page](#).

Note: Custom filter designs can be purchased directly from our sales office.

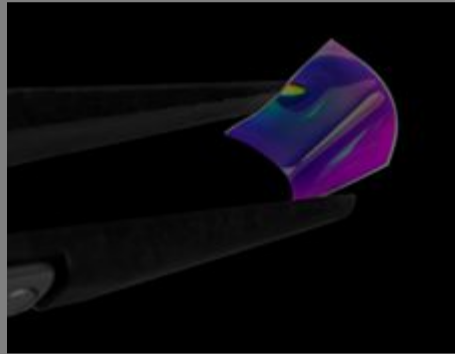
Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:

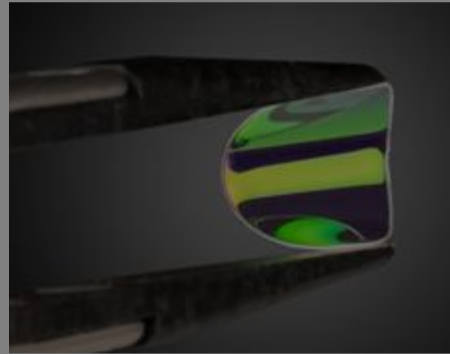
Related Products



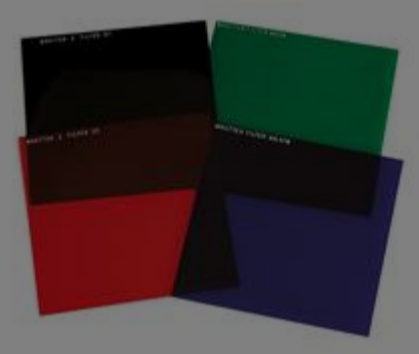
Everix Ultra-Thin OD2 Longpass Filters



Everix Ultra-Thin OD2 Shortpass Filters



Everix Ultra-Thin OD 6.0 Notch Filters



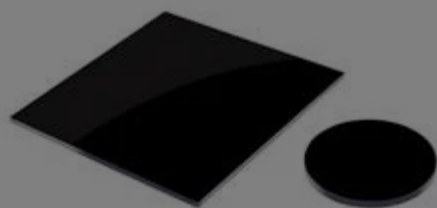
Kodak Wratten Filters

Frequently Purchased Together



#35-127 - Everix Ultra-Thin OD 2 Longpass Filter, 700nm, 12.5mm Square
€67,95

Qty



#43-953 - 2" x 2", Optical Cast Plastic IR Longpass Filter
€23,25

Qty



#54-518 - 87 Kodak Wratten Infrared Filter
€266,00

Qty



#67-114 - 1064nm, 12.5mm Diameter, OD 4.0 Notch Filter
€320,00

Qty

Resources

Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

APPLICATION NOTE

The Importance of Optical Filter Orientation...

APPLICATION NOTE

Custom Bandpass Filter using Shortpass an...

VIDEO

Optical Filters Review

VIDEO

PUBLISHED ARTICLE

FAQ

Optical Filter
Coatings:
Comparison of
Traditional a...

Selecting Color
Filter Glass for
Life Science
Applications

What type of
material
should I look
for in a filter?

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:

View more