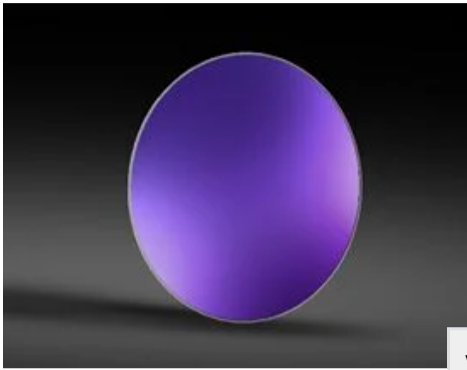


Everix Ultra-Thin OD 2 Bandpass Filter, 470nm, 12.5mm Dia.

See More by [Everix](#)



Stock #16-831 [CONTACT US](#)

1 C\$107^{.10}

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| Volume Pricing | |
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| Qty 1-10 | C\$107.10 each |
| Qty 11+ | C\$94.50 each |
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| 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): 470.00

Full Width-Half Max FWHM (nm): 29.70 (maximum)

Transmission (%): >65% Average

Center Wavelength CWL Tolerance (%): ±2

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

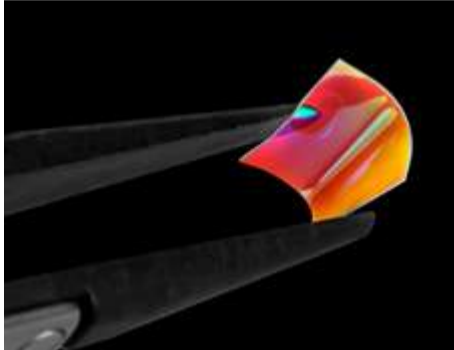
- Designed for Common LED and Laser Diode Wavelengths
- Scratch Insensitive, Ultra-Thin Design
- Easily Integrated into Portable Devices

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.

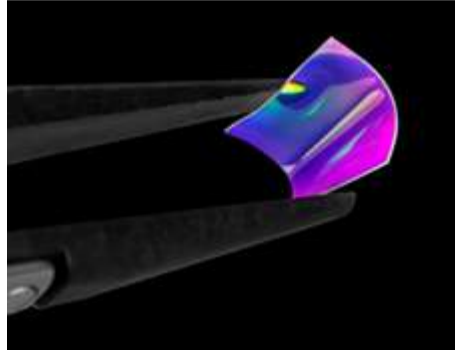
Note: Custom filter designs can be purchased directly from [Everix](#).

Technical Information

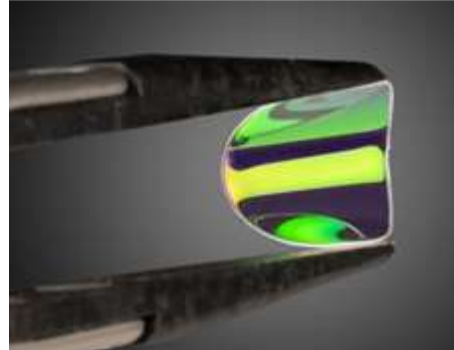
Related Products



Everix Ultra-Thin OD2 Longpass Filters



Everix Ultra-Thin OD2 Shortpass Filters



Everix Ultra-Thin OD 6.0 Notch Filters



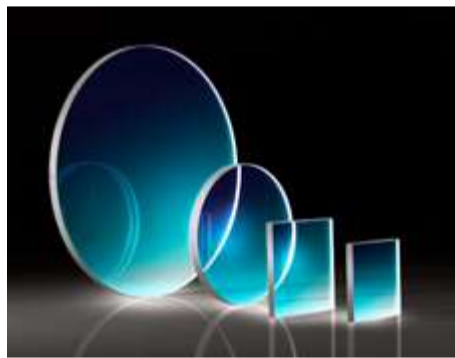
Kodak Wratten Filters

Frequently Purchased Together



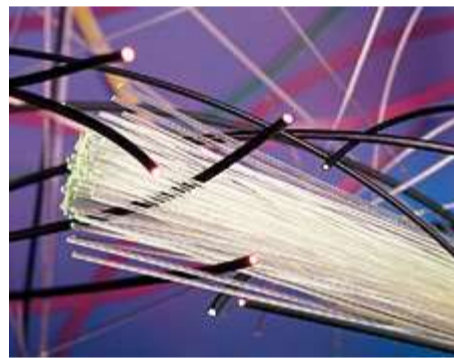
#35-123 - Everix Ultra-Thin OD 2 Longpass Filter, 500nm, 12.5mm Square
C\$101.93

Qty



#02-199 - 27mm Diameter Float Glass Window
C\$24.15

Qty



#02-532 - 500µm, Optical Grade Plastic Optical Fiber Unjacketed
C\$2.10

Qty



#32-014 - 12mm Dia. x 12mm FL Uncoated, Double-Convex Lens
C\$49.00

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

Optical Filter Coatings: Comparison of Traditional a...

PUBLISHED ARTICLE

Selecting Color Filter Glass for Life Science Applications

FAQ

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



[View More](#)

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