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Everix Ultra-Thin Narrow Bandpass Filter, 470nm, 12.5mm Dia., 10nm FWHM

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Everix Ultra-Thin 10nm Bandpass Filters

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-

1

+

₹5,450

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General

Flexible Filter

Type:

Physical & Mechanical Properties

12.45 ±0.15

Diameter (mm):

>90

Clear Aperture (%):

400

Maximum Thickness (µm):

Optical Properties	
2.0	Optical Density OD (Average):
470.00	Center Wavelength CWL (nm):
10.00	Full Width-Half Max FWHM (nm):
>50% Average	Transmission (%):
±1	Center Wavelength CWL Tolerance (%):

Regulatory Compliance	
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Narrow 10nm Bandwidth
- Lightweight, Flexible, and Ultra-Thin 400µm Thickness
- Scratch Insensitive and Durable Design

Everix Ultra-Thin 10nm Bandpass Filters feature a narrow 10nm bandwidth to provide increased wavelength selection by passing a well-defined band of light at the design wavelength. These filters are designed for common visible LED and laser diode wavelengths ranging from 400 – 660nm. With an exterior polymeric protective layer, these filters are scratch-insensitive, shatterproof, and easy to clean. Everix Ultra-Thin 10nm Bandpass Filters feature an average transmission of 65%, average optical density of 2.0, and maximum thickness of 400µm. Their lightweight, ultra-thin design makes them ideal for integration into weight sensitive life science and medical instrumentation such as point of care devices and handheld chemical detection devices.

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

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