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457nm 25.4mm META® holoOPTIX® STRATA Notch Filter



25.4mm META® holoOPTIX® STRATA Notch Filter

Stock #23-024 CLEARANCE 3 In Stock

€250⁰⁰

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Volume Pricing

Qty 1+	€250,00 each
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General

Notch Filter Type:

Physical & Mechanical Properties

25.40 ±0.2 Diameter (mm):

20 Clear Aperture CA (mm):

Thickness (mm):

4.50 ±0.1

Construction:

Mounted in Black Anodized Ring

Clear Aperture (%):

80

Optical Properties

Optical Density OD (Average):

>4.0

Center Wavelength CWL (nm):

457.00

Surface Quality:

60-40

Transmission (%):

84% (400-435nm)
96% (500-750nm)

Transmitted Wavefront, RMS:

<1λ

Spectral Bandwidth @ OD1:

8 (Typical)

Threading & Mounting

Mount Thickness (mm):

4.5

Regulatory Compliance

Certificate of Conformance:

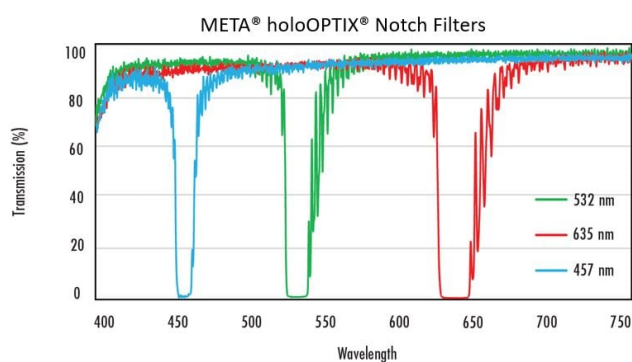
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Product Details

- >OD 4.0 (Typical)
- Broad Transmission Range
- Unique Large Flexible Design
- META® refers to the registered trademark of Meta Materials Inc.

META® holoOPTIX® Notch Filters are ideal for laser analysis applications requiring specific wavelength rejection and high transmission of all other wavelengths. Available in either a standard 25.4mm rigid mounted configuration (STRATA) or in a unique 375mm x 70mm flexible configuration (FLEX), these filters can be used in fluorescence or Raman spectrometers to eliminate unwanted noise from the pump laser source to obtain the optimum signal-to-noise ratio. The flexible design can be easily be cut for system prototyping and integration. META® holoOPTIX® Notch Filters center wavelengths can be tuned by adjusting the angle of incidence while maintaining consistent notch center wavelengths for both p- and s- polarizations, even at high angles of incidence.

Technical Information



Compatible Mounts