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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**

⊖ 1 ⊕ C\$350⁰⁰

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Volume Pricing

Qty 1+	C\$350.00 each
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General

Notch Filter **Type:**

Physical & Mechanical Properties

25.40 ±0.2 **Diameter (mm):**

20 **Clear Aperture CA (mm):**

4.50 ±0.1 **Thickness (mm):**

Mounted in Black Anodized Ring **Construction:**

80 **Clear Aperture (%)**

Optical Properties

>4.0 **Optical Density OD (Average):**

457.00 **Center Wavelength CWL (nm):**

60-40 **Surface Quality:**

84% (400-435nm)
96% (500-750nm) **Transmission (%):**

<1λ **Transmitted Wavefront, RMS:**

8 (Typical) **Spectral Bandwidth @ OD1:**

Threading & Mounting

4.5 **Mount Thickness (mm):**

Regulatory Compliance

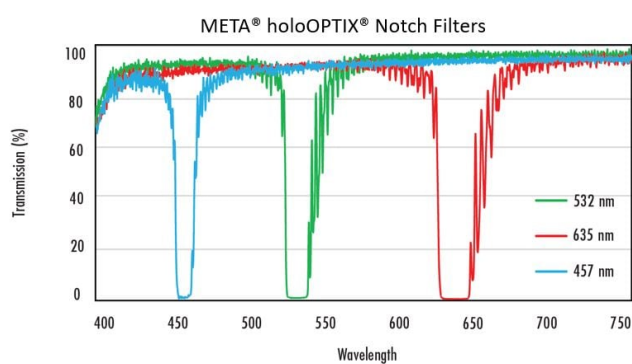
[View](#) **Certificate of Conformance:**

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