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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 + £200<sup>00</sup>

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### Volume Pricing

Qty 1+	£200.00 each
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### Product Downloads

#### 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:**

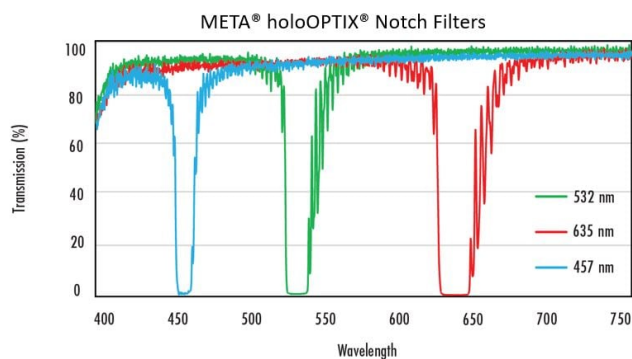
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**Product Details**

- >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**