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## 457nm 25.4mm META® holoOPTIX® STRATA Notch Filter



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Stock #23-024 CLEARANCE **3 In Stock**

⊖ 1 ⊕ **\$\$350<sup>00</sup>**

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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):**

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

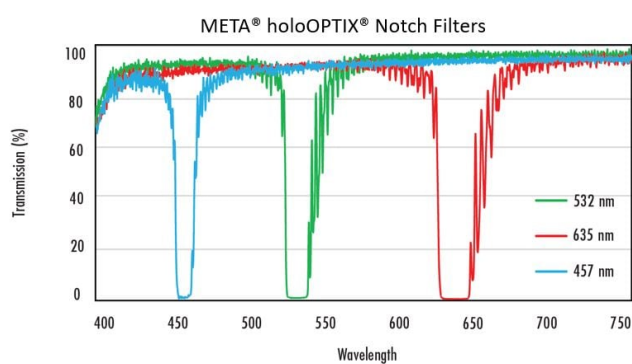
Certificate of Conformance:  
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## Product Details

- >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