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635nm 25.4mm META® holoOPTIX® STRATA Notch Filter



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Stock #23-029 CLEARANCE **8 In Stock**

⊖ 1 ⊕ A\$400⁰⁰

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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):
635.00

Surface Quality:
60-40

Transmission (%):
94% (400-600nm)
96% (675-750)

Transmitted Wavefront, RMS:
<1λ

Spectral Bandwidth @ OD1:
16 (Typical)

Threading & Mounting

Mount Thickness (mm):
4.5

Regulatory Compliance

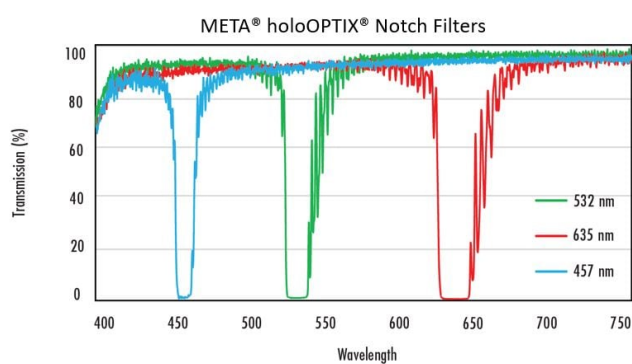
Certificate of Conformance:
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Product Details

- >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