

457nm 25.4mm META[®] holoOPTIX[®] STRATA Notch Filter



25.4mm META[®] holoOPTIX[®] STRATA Notch Filter

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

-

1

+

£200⁰⁰

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Qty 1+	£200.00 each
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Product Downloads

General

Type:

Notch Filter

Physical & Mechanical Properties

Diameter (mm):

25.40 ±0.2

Clear Aperture CA (mm):

20

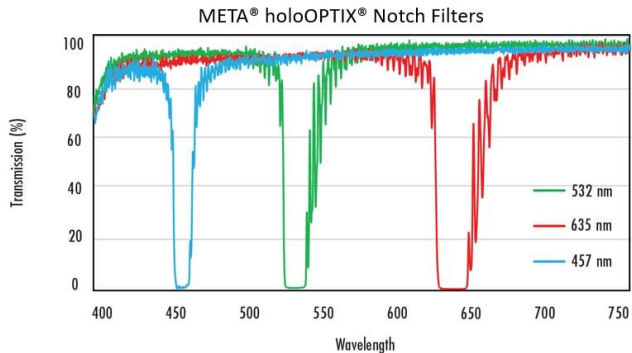
Thickness (mm):

4.50 ±0.1	
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