

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



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

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

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1

+

S\$350⁰⁰

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Product Downloads

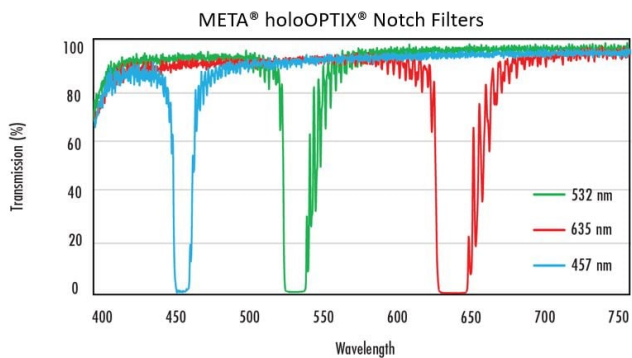
General	
Notch Filter	Type:
Physical & Mechanical Properties	
25.40 ±0.2	Diameter (mm):
20	Clear Aperture CA (mm):
4.50 ±0.1	Thickness (mm):

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:	
View	

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