

635nm 25.4mm META® holoOPTIX® STRATA Notch Filter



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

-

1

+

C\$350<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | C\$350.00 each                |
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Product Downloads

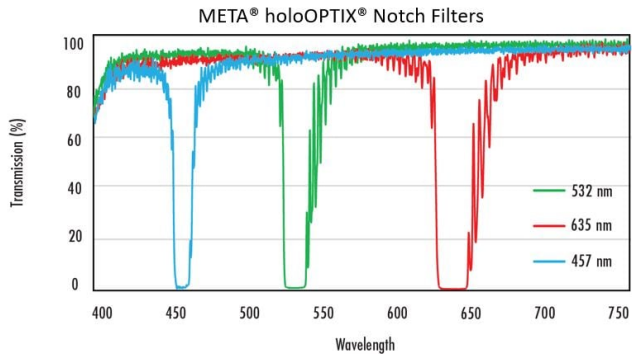
| General                          |                         |
|----------------------------------|-------------------------|
| Notch Filter                     | Type:                   |
| Physical & Mechanical Properties |                         |
| 25.40 ±0.2                       | Diameter (mm):          |
| 20                               | Clear Aperture CA (mm): |
| 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)<br>96% (675-750) |  |
| Transmitted Wavefront, RMS:      |  |
| <1λ                              |  |
| Spectral Bandwidth @ OD1:        |  |
| 16 (Typical)                     |  |
| Threading & Mounting             |  |
| Mount Thickness (mm):            |  |
| 4.5                              |  |
| Regulatory Compliance            |  |
| Certificate of Conformance:      |  |
| <a href="#">View</a>             |  |

## 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