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TECHSPEC® 355nm, 12.5mm Diameter, Raman Edge Filter



Stock #86-218 CONTACT US

1 €505,00

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Qty 1-9

€505,00

Qty 10+

€420,00

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Diameter (mm):  
12.50 +0.0/-0.1

Angle of Incidence (°):  
0 ±2

Optical Density OD (Average):  
≥6.0

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cut-On Wavelength (nm):</b><br>358.60                                                                                                           |
| <b>Design Wavelength DWL (nm):</b><br>355                                                                                                          |
| <b>Substrate:</b> <br><a href="#">Fused Silica</a> (Corning 7980) |
| <b>Coating:</b><br>Hard Coated                                                                                                                     |
| <b>Surface Quality:</b><br>60-40                                                                                                                   |
| <b>Thickness Tolerance (mm):</b><br>+0.1/-0.1                                                                                                      |
| <b>Transmission (%):</b><br>>90                                                                                                                    |
| <b>Type:</b><br>Longpass Filter                                                                                                                    |
| <b>Transition Width (nm):</b><br><3.6                                                                                                              |
| <b>Clear Aperture (%):</b><br>>80                                                                                                                  |
| <b>Durability:</b><br>Environmental: MIL-STD-810F<br>Physical: MIL-C-48497A                                                                        |
| <b>Transmitted Wavefront, RMS:</b><br><λ/4 @ 633nm                                                                                                 |
| <b>Mount Thickness (mm):</b><br>3.5                                                                                                                |
| <b>Note:</b><br>Bandwidth (nm): >400                                                                                                               |
| <b>Coating Specification:</b><br>T <sub>abs</sub> ≥93% @ 364 - 400nm<br>T <sub>avg</sub> ≥90% @ 364 - 800nm                                        |
| <b>Wavelength Range (nm):</b><br>355 - 800                                                                                                         |
| <b>Laser Blocking Wavelength (nm):</b><br>355.00                                                                                                   |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |