

## 25mm Dia., 355nm Laser Line Longpass Filter



Laser Line Longpass Filters

Stock #47-499 3-4 DAYS



1



€745,50

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Qty 1+

€745,50

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**Diameter (mm):**  
25.00 +0.0/-0.1

**Angle of Incidence (°):**  
0 ±2

**Bandwidth (nm):**  
>400

**OD 6 Blocking Wavelength Range (nm):**  
200 - 355

**Optical Density OD (Average):**

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| ≥6.0                                                                                                                         |
| <b>Clear Aperture CA (mm):</b><br>22                                                                                         |
| <b>Design Wavelength DWL (nm):</b><br>355                                                                                    |
| <b>Substrate:</b> <input type="checkbox"/><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                                                                                     |
| <b>Transmission (%):</b><br>93.00                                                                                            |
| <b>Transmission Wavelength (nm):</b><br>359.6 - 800.8                                                                        |
| <b>Type:</b><br>Longpass Filter                                                                                              |
| <b>Edge Steepness (nm):</b><br>1.80                                                                                          |
| <b>Transition Width (nm):</b><br><3.6                                                                                        |
| <b>Clear Aperture (%):</b><br>88                                                                                             |
| <b>Durability:</b><br>Environmental: MIL-STD-810F, Physical: MIL-C-48497A                                                    |
| <b>Temperature Dependence (ppm/°C):</b><br><5                                                                                |
| <b>Angle Tuning Range, for 0 - 8° Shift:</b><br>-0.3% of Laser Wavelength                                                    |
| <b>Mount Thickness (mm):</b><br>3.5                                                                                          |
| <b>Laser Blocking Wavelength (nm):</b><br>355                                                                                |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>0.5 J/cm² @ 266nm, 10ns, 10Hz<br>1 J/cm² @ 532nm, 10ns, 10Hz |

## 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> |