

## 25mm Dia., 632.8nm Laser Line Longpass Filter



Laser Line Longpass Filters

Stock **#47-506** 10 TO 12 DAYS

- 1 + **₹64,859.00**

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| Qty 1+     |
| ₹64,859.00 |

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|                                                            |
|------------------------------------------------------------|
| <b>Diameter (mm):</b><br>25.00 +0.0/-0.1                   |
| <b>Angle of Incidence (°):</b><br>0 ±2                     |
| <b>Bandwidth (nm):</b><br>>600                             |
| <b>OD 6 Blocking Wavelength Range (nm):</b><br>513 - 632.8 |
| <b>Optical Density OD (Average):</b><br>≥6.0               |

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>22                                                                                         |
| <b>Design Wavelength DWL (nm):</b><br>632.8                                                                                  |
| <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>641 - 1427.4                                                                         |
| <b>Type:</b><br>Longpass Filter                                                                                              |
| <b>Edge Steepness (nm):</b><br>3.20                                                                                          |
| <b>Transition Width (nm):</b><br><6.3                                                                                        |
| <b>Clear Aperture (%):</b><br>88                                                                                             |
| <b>Durability:</b><br>Environmental: ML-STD-810F, Physical: ML-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>632.8                                                                              |
| <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> |