

**TECHSPEC® 505nm CWL, 12.5mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter**



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock **#34-505** 3-4 DAYS

⊖ 1 ⊕ **£140.25**

ADD TO CART

Qty 1-5

£140.25

Qty 6+

£110.50

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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**Diameter (mm):**  
12.50 +0.0/-0.1

**Angle of Incidence (°):**  
0

**Optical Density OD (Average):**  
≥4.0

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>8.5                                                                                                                                               |
| <b>Center Wavelength CWL (nm):</b><br>505.00 ±2.0                                                                                                                                   |
| <b>Full Width-Half Max FWHM (nm):</b><br>10.00 ±2.0                                                                                                                                 |
| <b>Full Width-Half Max FWHM Tolerance (nm):</b><br>±2.0                                                                                                                             |
| <b>Substrate:</b> <input type="checkbox"/><br>Optical Glass                                                                                                                         |
| <b>Minimum Transmission (%):</b><br>≥85                                                                                                                                             |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Surface Quality:</b><br>80-50                                                                                                                                                    |
| <b>Thickness Tolerance (mm):</b><br>±0.1                                                                                                                                            |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                     |
| <b>Typical Applications:</b><br>505nm Coherent® OBIS™ Line                                                                                                                          |
| <b>Blocking Wavelength Range (nm):</b><br>200 - 1200                                                                                                                                |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                              |
| <b>Environmental Durability:</b><br>Humidity per MIL-STD-810H, Section 507.6<br>Temperature per MIL-STD-810H, Section 501.7 and 502.7                                               |
| <b>Physical Durability:</b><br>Adhesion per MIL-PRF-13830B, Section C.4.5.12<br>Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11<br>Cleaning per MIL-C-48497A Section 4.5.4.2 |
| <b>Mount Thickness (mm):</b><br>5.0 ±0.1                                                                                                                                            |
| <b>Substrate Thickness (mm):</b><br>3.5 ±0.5 typical                                                                                                                                |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 240:</b><br><a href="#">Compliant</a>             |