

TECHSPEC<sup>®</sup> 550nm CWL, 12.5mm Dia., Hard Coated OD 4.0 25nm Unmounted Bandpass Filter



TECHSPEC<sup>®</sup> Unmounted OD 4.0 Bandpass Filters

Stock #15-148 3-5 DAYS

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-

1

+

A\$257.60

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Diameter (mm):  
12.50 ±0.10

Angle of Incidence (°):  
0

Optical Density OD (Average):  
≥4.0

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>11.25                                                                                                                                          |
| <b>Center Wavelength CWL (nm):</b><br>550.00 ±3                                                                                                                                  |
| <b>Full Width-Half Max FWHM (nm):</b><br>25.00 ±3                                                                                                                                |
| <b>Substrate:</b> <input type="checkbox"/><br>Optical Glass                                                                                                                      |
| <b>Minimum Transmission (%):</b><br>≥90 (Average over bandwidth)                                                                                                                 |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                   |
| <b>Surface Quality:</b><br>80-50                                                                                                                                                 |
| <b>Thickness (mm):</b><br>3.30 ±0.20                                                                                                                                             |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                  |
| <b>Typical Applications:</b><br>Acridine Yellow, Magnesium Orange, HiLyte Fluor 555                                                                                              |
| <b>Blocking Wavelength Range (nm):</b><br>200 - 1200                                                                                                                             |
| <b>Construction:</b><br>Unmounted                                                                                                                                                |
| <b>Environmental Durability:</b><br>Humidity per ML-STD-810H, Section 507.6<br>Temperature per ML-STD-810H, Section 501.7 and 502.7                                              |
| <b>Physical Durability:</b><br>Adhesion per ML-PRF-13830B, Section C.4.5.12<br>Moderate abrasion per ML-PRF-13830B, Section C.4.5.11<br>Cleaning per ML-C-48497A Section 4.5.4.2 |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                                                      |

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>             |