

**TECHSPEC® 450nm CWL, 12.5mm Dia. Hard Coated OD 4.0 50nm Bandpass Filter**



Stock **#84-770** 10 TO 12 DAYS

[Additional Bandwidths](#)



1



**₹14,355.00**

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|                               |
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| Qty 1-5                       |
| ₹14,355.00                    |
| Qty 6+                        |
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Diameter (mm):  
12.50 +0.0/-0.1

Angle of Incidence (°):  
0

Bandwidth (nm):  
45

|                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Optical Density OD (Average):</b><br>≥4.0                                                                                                                                       |
| <b>Clear Aperture CA (mm):</b><br>8.5                                                                                                                                              |
| <b>Center Wavelength CWL (nm):</b><br>450.00                                                                                                                                       |
| <b>Full Width-Half Max FWHM (nm):</b><br>50.00                                                                                                                                     |
| <b>Substrate:</b> <input type="checkbox"/><br>Optical Glass                                                                                                                        |
| <b>Minimum Transmission (%):</b><br>≥90                                                                                                                                            |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                     |
| <b>Surface Quality:</b><br>80-50                                                                                                                                                   |
| <b>Transmission (%):</b><br>≥90                                                                                                                                                    |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                    |
| <b>Typical Applications:</b><br>StarLight Glacial Blue                                                                                                                             |
| <b>Blocking Wavelength Range (nm):</b><br>200 - 1200                                                                                                                               |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                             |
| <b>Typical Light Sources:</b><br>445nm Diode; 470nm LED                                                                                                                            |
| <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-48497ASection 4.5.4.2 |
| <b>Mount Thickness (mm):</b><br>5.0 ±0.1                                                                                                                                           |
| <b>Substrate Thickness (mm):</b><br>3.5 ±0.5                                                                                                                                       |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |