

TECHSPEC®

# 472nm CWL, 12.5mm Dia, 30nm Bandwidth, Unmounted OD 6 Fluorescence Bandpass Filter



Stock #18-370 3-4 DAYS

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1



€245,00

ADD TO CART

Qty 1-5

€245,00

Qty 6+

€206,00

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Diameter (mm):  
12.50 ±0.1

Angle of Incidence (°):

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 ±5                                                                                                                                                                                |
| <b>Bandwidth (nm):</b><br>30.00                                                                                                                                                     |
| <b>OD 6 Blocking Wavelength Range (nm):</b><br>250 - 442 & 498 - 640                                                                                                                |
| <b>Optical Density OD (Average):</b><br>≥6.0                                                                                                                                        |
| <b>Clear Aperture CA (mm):</b><br>11.25                                                                                                                                             |
| <b>Center Wavelength CWL (nm):</b><br>472.00                                                                                                                                        |
| <b>Full Width-Half Max FWHM (nm):</b><br>35.00                                                                                                                                      |
| <b>Substrate:</b>  <a href="#">Fused Silica</a> (Corning 7980)                                     |
| <b>Minimum Transmission (%):</b><br>93                                                                                                                                              |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Surface Quality:</b><br>60-40                                                                                                                                                    |
| <b>Thickness (mm):</b><br>2.00 ±0.1                                                                                                                                                 |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                     |
| <b>Blocking Wavelength Range (nm):</b><br>250 - 1100                                                                                                                                |
| <b>Construction:</b><br>Unmounted                                                                                                                                                   |
| <b>Transmitted Wavefront, RMS:</b><br>λ/4 (prior to coating)                                                                                                                        |
| <b>Compatible Fluorophore:</b><br>GFP Excitation                                                                                                                                    |
| <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>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>             |