

**TECHSPEC® 577 & 690nm, 50mm Dia., Dual-Band Filter**



Multi-Band Fluorescence Bandpass Filters

Stock **#87-251** CLEARANCE 10 TO 12 DAYS

-

1

+

**₹85,173.00**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| ₹85,173.00                    |
| Qty 10+                       |
| ₹70,818.00                    |
| Volume Pricing                |
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**Diameter (mm):**  
50.00 +0.0/-0.1

**Angle of Incidence (°):**  
0

**Bandwidth (nm):**  
24 @ 577nm  
50 @ 690nm

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Optical Density OD (Average):</b><br>≥6.0                                                                                                                                     |
| <b>Clear Aperture CA (mm):</b><br>45.34                                                                                                                                          |
| <b>Substrate:</b>  <a href="#">Fused Silica</a> (Corning 7980)                                  |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                   |
| <b>Surface Quality:</b><br>60-40                                                                                                                                                 |
| <b>Transmission (%):</b><br>>90                                                                                                                                                  |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                  |
| <b>Blocking Wavelength Range (nm):</b><br>250 - 1100                                                                                                                             |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                           |
| <b>Compatible Fluorophore:</b><br>CY3 & CY5 Emission                                                                                                                             |
| <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>Mount Thickness (mm):</b><br>3.5 ±0.1                                                                                                                                         |
| <b>Substrate Thickness (mm):</b><br>2.00 ±0.25                                                                                                                                   |
| <b>Multi-Band Center Wavelengths (nm):</b><br>577, 690                                                                                                                           |

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>             |