

TECHSPEC<sup>®</sup> 578nm CWL, 12.5mm Dia, 16nm Bandwidth, OD 6 Fluorescence Filter



Stock **#87-738** ☐ In Stock

-

1

+

C\$348.60

ADD TO CART

Qty 1-5

C\$348.60

Qty 6+

C\$289.80

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):  
12.50 +0.00/-0.10

Angle of Incidence (°):  
0 ±5

Bandwidth (nm):  
16.00

OD 6 Blocking Wavelength Range (nm):

|                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 300 - 558 & 598 - 850                                                                                                                                                           |
| <b>Optical Density OD (Average):</b><br>≥6.0                                                                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>8.69                                                                                                                                          |
| <b>Center Wavelength CWL (nm):</b><br>578.00                                                                                                                                    |
| <b>Full Width-Half Max FWHM (nm):</b><br>22.00                                                                                                                                  |
| <b>Substrate:</b> <br><a href="#">Fused Silica</a> (Coming 7980)                               |
| <b>Minimum Transmission (%):</b><br>93                                                                                                                                          |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                  |
| <b>Surface Quality:</b><br>60-40                                                                                                                                                |
| <b>Thickness Tolerance (mm):</b><br>±0.1                                                                                                                                        |
| <b>Transmission (%):</b><br>93.00                                                                                                                                               |
| <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>Transmitted Wavefront, RMS:</b><br>λ/4 (prior to coating)                                                                                                                    |
| <b>Compatible Fluorophore:</b><br>Alexa Fluor® 568 Excitation / Cy3.5 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-48497ASection 4.5.4.2 |
| <b>Mount Thickness (mm):</b><br>3.5 ±0.1                                                                                                                                        |
| <b>Substrate Thickness (mm):</b><br>2.00 ±0.25                                                                                                                                  |

## 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>             |