

**TECHSPEC® 660nm CWL, 50mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter**



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock **#86-092** ☐ In Stock

- 1 + **C\$821.80**

ADD TO CART

Qty 1-5

C\$821.80

Qty 6+

C\$649.60

Volume Pricing

[Request Quote](#)

Get Product Downloads



**Diameter (mm):**  
50.00 +0.0/-0.1

**Angle of Incidence (°):**  
0

**Optical Density OD (Average):**  
≥4.0

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>45                                                                                                                                                |
| <b>Center Wavelength CWL (nm):</b><br>660.00 ±2.0                                                                                                                                   |
| <b>Full Width-Half Max FWHM (nm):</b><br>10.00 ±2.0                                                                                                                                 |
| <b>Full Width-Half Max FWHM Tolerance (nm):</b><br>±2.0                                                                                                                             |
| <b>Substrate:</b> □<br>Optical Glass                                                                                                                                                |
| <b>Minimum Transmission (%):</b><br>≥85                                                                                                                                             |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Surface Quality:</b><br>80-50                                                                                                                                                    |
| <b>Thickness Tolerance (mm):</b><br>±0.1                                                                                                                                            |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                     |
| <b>Typical Applications:</b><br>4-[4-(Diethylamino)Styryl]-N-MethylPyridinium Iodide,<br>LysoTracker Yellow HCK-123, PKH69                                                          |
| <b>Blocking Wavelength Range (nm):</b><br>200 - 1200                                                                                                                                |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                              |
| <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 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>Mount Thickness (mm):</b><br>5.0 ±0.1                                                                                                                                            |
| <b>Substrate Thickness (mm):</b><br>3.5 ±0.5 typical                                                                                                                                |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |