

**TECHSPEC® 810nm CWL, 12.5mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter**



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock **#87-891** ☐ In Stock

-

1

+

**C\$254.80**

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Qty 1-5

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Qty 6+

C\$201.60

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**Diameter (mm):**  
12.50 +0.0/-0.1

**Angle of Incidence (°):**  
0

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

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>8.5                                                                                                                                            |
| <b>Center Wavelength CWL (nm):</b><br>810.00 ±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> <input type="checkbox"/><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>IRDye800RS                                                                                                                                       |
| <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 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>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>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 240:</b><br><a href="#">Compliant</a>             |