

**TECHSPEC® 650nm CWL, 50mm Dia. Hard Coated OD 4.0 25nm Bandpass Filter**



Stock **#86-669** 3-4 DAYS

[Additional Bandwidths](#)



1



**£496.40**

ADD TO CART

Qty 1-5

£496.40

Qty 6+

£391.85

Volume Pricing

[Request Quote](#)

**ⓘ** Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):

50.00 +0.0/-0.1

Angle of Incidence (°):

0

Bandwidth (nm):

|                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20                                                                                                                                                                              |
| <b>Optical Density OD (Average):</b><br>≥4.0                                                                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>45.0                                                                                                                                          |
| <b>Center Wavelength CWL (nm):</b><br>650.00 ±3                                                                                                                                 |
| <b>Center Wavelength CWL Tolerance (nm):</b><br>±3                                                                                                                              |
| <b>Full Width-Half Max FWHM (nm):</b><br>25.00 ±3                                                                                                                               |
| <b>Full Width-Half Max FWHM Tolerance (nm):</b><br>±3                                                                                                                           |
| <b>Substrate:</b> <input type="checkbox"/><br>Optical Glass                                                                                                                     |
| <b>Minimum Transmission (%):</b><br>≥90                                                                                                                                         |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                  |
| <b>Surface Quality:</b><br>80-50                                                                                                                                                |
| <b>Type:</b><br>Bandpass Filter                                                                                                                                                 |
| <b>Typical Applications:</b><br>Alexa Fluor® 647, SpectrumFRed, SYTO 60, ChlorophyllA                                                                                           |
| <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-48497ASection 4.5.4.2 |
| <b>Mount Thickness (mm):</b><br>5.0 ±0.1                                                                                                                                        |
| <b>Substrate Thickness (mm):</b><br>3.5 ±0.5                                                                                                                                    |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 233:</b><br><a href="#">Compliant</a>             |