

**TECHSPEC® 400nm CWL, 50mm Dia. Hard Coated OD 4.0 25nm Bandpass Filter**



Stock **#86-664** 3-4 DAYS

[Additional Bandwidths](#)



1



**€584,00**

ADD TO CART

Qty 1-5

€584,00

Qty 6+

€461,00

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>400.00 ±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>7-Dimethylamino-4-Methylcoumarin-3-Isothiocyanate,<br>CellTrace calcein violet, Pacific Blue, Pacific Orange                                        |
| <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<br>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<br>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                                                                                                                                        |

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>             |