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SUBMIT

TECHSPEC® 560nm CWL, 50mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock #88-017   ☐ In Stock

[Additional Bandwidths](#)



1



€587,00

ADD TO CART

Qty 1-5

€587,00

Qty 6+

€464,00

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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>560.00 ±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>LDS 751, pHrodo succinimidyl ester, QSY 7<br>Carboxylic Acid Succinimdy Ester                                                                    |
| <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>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |