

**TECHSPEC® 785nm, 25mm Dia., OD 6.0 Blocking Notch Filter**



TECHSPEC OD 6.0 Notch Filters

Stock **#86-127** ☐ **In Stock**

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1  **C\$954.80**

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Qty 1-5

C\$954.80

Qty 6+

C\$763.70

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**Diameter (mm):**  
25.00 +0.0/-0.1

**Optical Density OD (Average):**  
≥6.0

**Center Wavelength CWL (nm):**  
785.00

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Design Wavelength DWL (nm):</b><br>785                                                                                                                                           |
| <b>Full Width-Half Max FWHM (nm):</b><br>39.00                                                                                                                                      |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Surface Quality:</b><br>60-40                                                                                                                                                    |
| <b>Thickness Tolerance (mm):</b><br>±0.1                                                                                                                                            |
| <b>Transmission (%):</b><br>350 - 400nm: T <sub>avg</sub> >80<br>400 - 1200nm: T <sub>avg</sub> >90                                                                                 |
| <b>Transmission Wavelength (nm):</b><br>350 - 1200                                                                                                                                  |
| <b>Type:</b><br>Notch Filter                                                                                                                                                        |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                              |
| <b>Clear Aperture (%):</b><br>85                                                                                                                                                    |
| <b>Reflection at CWL (%):</b><br>>99.5                                                                                                                                              |
| <b>Transmitted Wavefront, RMS:</b><br><1λ                                                                                                                                           |
| <b>Environmental Durability:</b><br>Humidity per MIL-STD-810H, Section 507.6<br>Temperature per MIL-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>3.5                                                                                                                                                 |

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>             |