

TECHSPEC<sup>®</sup> 435nm, 25.2 x 35.6mm High Performance Fluorescence Dichroic Filter



Stock #34-727 [CONTACT US](#)

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1

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S\$674.25

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Dimensions (mm):  
25.2 x 35.6

Angle of Incidence (°):  
45

Cut-On Wavelength (nm):  
435.00

Substrate: ☐

[Fused Silica](#) (Corning 7980)

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Length (mm):</b><br>35.60                                                                                                                                                        |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Reflection (%):</b><br>R <sub>avg</sub> >98%                                                                                                                                     |
| <b>Reflection Wavelength (nm):</b><br>325 - 425                                                                                                                                     |
| <b>Surface Quality:</b><br>40-20                                                                                                                                                    |
| <b>Thickness (mm):</b><br>1.05 ±0.1                                                                                                                                                 |
| <b>Transmission (%):</b><br>T <sub>avg</sub> >90%                                                                                                                                   |
| <b>Transmission Wavelength (nm):</b><br>444 - 850                                                                                                                                   |
| <b>Type:</b><br>Dichroic Filter                                                                                                                                                     |
| <b>Width (mm):</b><br>25.20                                                                                                                                                         |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.2                                                                                                                                     |
| <b>Transmitted Wavefront, RMS:</b><br>λ/10                                                                                                                                          |
| <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 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>Wavelength Range (nm):</b><br>325 - 850                                                                                                                                          |
| <b>Surface Flatness (P-V):</b><br>λ/2                                                                                                                                               |

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>             |