

**TECHSPEC® 700nm, 25.2 x 35.6mm, Low GDD Dichroic Shortpass Ultrafast Filter**



TECHSPEC® Low GDD Dichroic Shortpass Ultrafast Filters

Stock **#14-013** 3-4 DAYS

⊖ 1 ⊕ **€204,00**

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Qty 1-5

€204,00

Qty 6+

€163,00

Volume Pricing

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**Dimensions (mm):**  
25.2 x 35.6

**Angle of Incidence (°):**  
45

**Cut-Off Wavelength (nm):**  
700.00

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Substrate:</div><div><div><div></div></div><div>Fused Silica</div></div><div>(Coming 7980)</div></div>                             |
| <div><div>Length (mm):</div><div>35.60</div></div>                                                                                           |
| <div><div>Coating:</div><div>Hard Coated</div></div>                                                                                         |
| <div><div>P-Polarization Transmission (%):</div><div>&gt;80</div></div>                                                                      |
| <div><div>Reflection (%):</div><div>&gt;97 Average Polarization</div></div>                                                                  |
| <div><div>Reflection Wavelength (nm):</div><div>725 - 900</div></div>                                                                        |
| <div><div>S-Polarization Transmission (%):</div><div>&gt;80</div></div>                                                                      |
| <div><div>Surface Quality:</div><div>60-40</div></div>                                                                                       |
| <div><div>Thickness (mm):</div><div>1.05 ±0.1</div></div>                                                                                    |
| <div><div>Transmission (%):</div><div>&gt;85 Average Polarization</div></div>                                                                |
| <div><div>Transmission Wavelength (nm):</div><div>400 - 680</div></div>                                                                      |
| <div><div>Type:</div><div>Dichroic Filter</div></div>                                                                                        |
| <div><div>Width (mm):</div><div>25.20</div></div>                                                                                            |
| <div><div>Dimensional Tolerance (mm):</div><div>+0.0/-0.2</div></div>                                                                        |
| <div><div>Transmitted Wavefront, RMS:</div><div>λ/4</div></div>                                                                              |
| <div><div>Slope Factor (%):</div><div>3.00</div></div>                                                                                       |
| <div><div>Cut-Off Tolerance (%):</div><div>±2</div></div>                                                                                    |
| <div><div>S-Polarization Reflection (%):</div><div>&gt;95</div></div>                                                                        |
| <div><div>P-Polarization Reflection (%):</div><div>&gt;95</div></div>                                                                        |
| <div><div>Coating Specification:</div><div>Surface 1: Hard Dielectric Sputtered Surface 2: MgF<sub>2</sub></div></div>                       |
| <div><div>Wavelength Range (nm):</div><div>400 - 900</div></div>                                                                             |
| <div><div>GDD Specification (Transmission):</div><div>80 ±20fs<sup>2</sup> @ 450 - 680nm<br/>120 ±80fs<sup>2</sup> @ 400 - 680nm</div></div> |

## Regulatory Compliance

|                                                                  |
|------------------------------------------------------------------|
| <div><div>RoHS 2015:</div><div>Compliant</div></div>             |
| <div><div>Certificate of Conformance:</div><div>View</div></div> |
| <div><div>Reach 235:</div><div>Compliant</div></div>             |