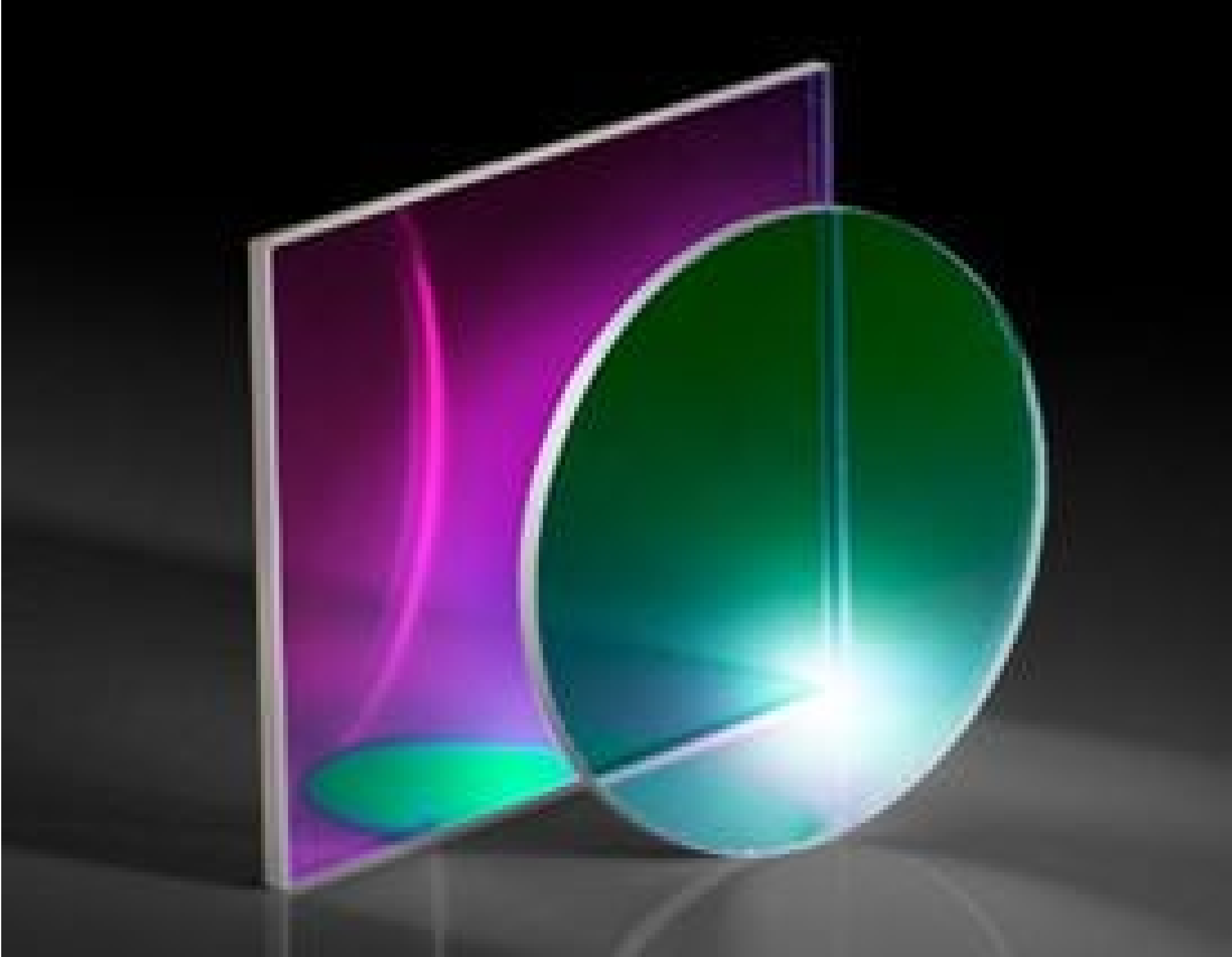


TECHSPEC<sup>®</sup> 450nm, 25.2 x 35.6mm, Low GDD Dichroic Shortpass Ultrafast Filter



TECHSPEC<sup>®</sup> Low GDD Dichroic Shortpass Ultrafast Filters

Stock #14-008 3-4 DAYS



1



£173.40

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Qty 1-5

£173.40

Qty 6+

£138.55

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Dimensions (mm):  
25.2 x 35.6

Angle of Incidence (°):  
45

Cut-Off Wavelength (nm):  
450.00

|                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|
| <div>Substrate: <div><div></div><div>Fused Silica</div></div>(Corning 7980)</div>                                           |
| <div>Length (mm):<br/>35.60</div>                                                                                           |
| <div>Coating:<br/>Hard Coated</div>                                                                                         |
| <div>P-Polarization Transmission (%):<br/>&gt;80</div>                                                                      |
| <div>Reflection (%):<br/>&gt;97 Average Polarization</div>                                                                  |
| <div>Reflection Wavelength (nm):<br/>470 - 545</div>                                                                        |
| <div>S-Polarization Transmission (%):<br/>&gt;80</div>                                                                      |
| <div>Surface Quality:<br/>60-40</div>                                                                                       |
| <div>Thickness (mm):<br/>1.05 ±0.1</div>                                                                                    |
| <div>Transmission (%):<br/>&gt;85 Average Polarization</div>                                                                |
| <div>Transmission Wavelength (nm):<br/>325 - 430</div>                                                                      |
| <div>Type:<br/>Dichroic Filter</div>                                                                                        |
| <div>Width (mm):<br/>25.20</div>                                                                                            |
| <div>Dimensional Tolerance (mm):<br/>+0.0/-0.2</div>                                                                        |
| <div>Transmitted Wavefront, RMS:<br/>λ/4</div>                                                                              |
| <div>Slope Factor (%):<br/>3.00</div>                                                                                       |
| <div>Cut-Off Tolerance (%):<br/>±2</div>                                                                                    |
| <div>S-Polarization Reflection (%):<br/>&gt;95</div>                                                                        |
| <div>P-Polarization Reflection (%):<br/>&gt;95</div>                                                                        |
| <div>Coating Specification:<br/>Surface 1: Hard Dielectric Sputtered Surface 2: MgF<sub>2</sub></div>                       |
| <div>Wavelength Range (nm):<br/>325 - 545</div>                                                                             |
| <div>GDD Specification (Transmission):<br/>80 ±30fs<sup>2</sup> @ 360 - 425nm<br/>120 ±80fs<sup>2</sup> @ 325 - 430nm</div> |

## Regulatory Compliance

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