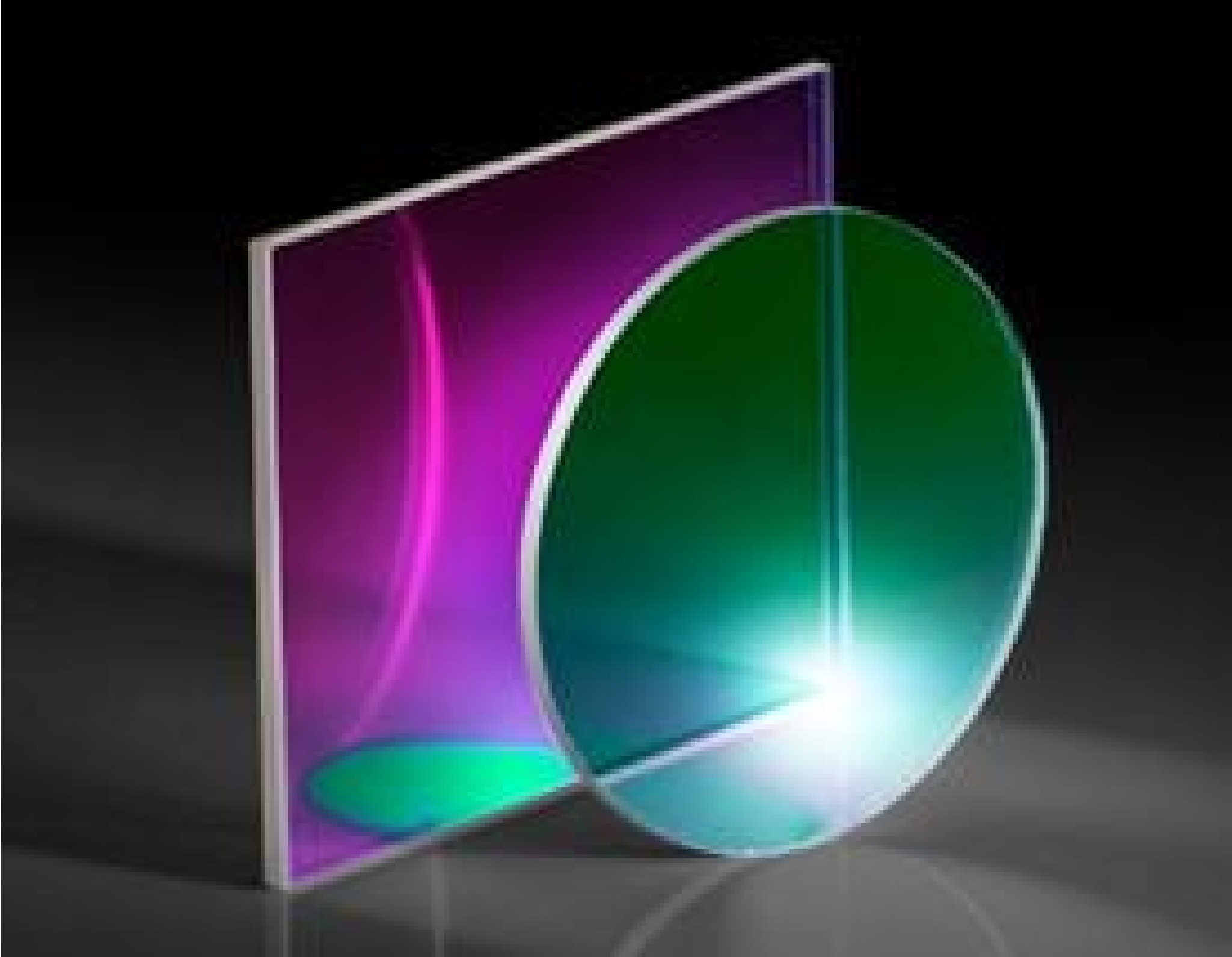


TECHSPEC® 500nm, 25mm Diameter, Low GDD Dichroic Shortpass Ultrafast Filter



TECHSPEC® Low GDD Dichroic Shortpass Ultrafast Filters

Stock **#13-997** 3-4 DAYS

⊖ 1 ⊕ **£156.40**

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Qty 1-5

£156.40

Qty 6+

£124.95

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
25.00

Angle of Incidence (°):
45

Cut-Off Wavelength (nm):
500.00

Substrate: Fused Silica (Corning 7980)
Coating: Hard Coated
P-Polarization Transmission (%) >80
Reflection (%) >97 Average Polarization
Reflection Wavelength (nm) 520 - 610
S-Polarization Transmission (%) >80
Surface Quality: 60-40
Thickness (mm) 1.05 ±0.1
Transmission (%) >85 Average Polarization
Transmission Wavelength (nm) 325 - 480
Type: Dichroic Filter
Dimensional Tolerance (mm) +0.0/-0.2
Transmitted Wavefront, RMS: $\lambda/4$
Slope Factor (%) 3.00
Cut-Off Tolerance (%) ±2
S-Polarization Reflection (%) >95
P-Polarization Reflection (%) >95
Coating Specification: Surface 1: Hard Dielectric Sputtered Surface 2: MgF₂
Wavelength Range (nm) 325 - 610
GDD Specification (Transmission): 80 ±30fs² @ 345 - 480nm 120 ±80fs² @ 325 - 480nm

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant