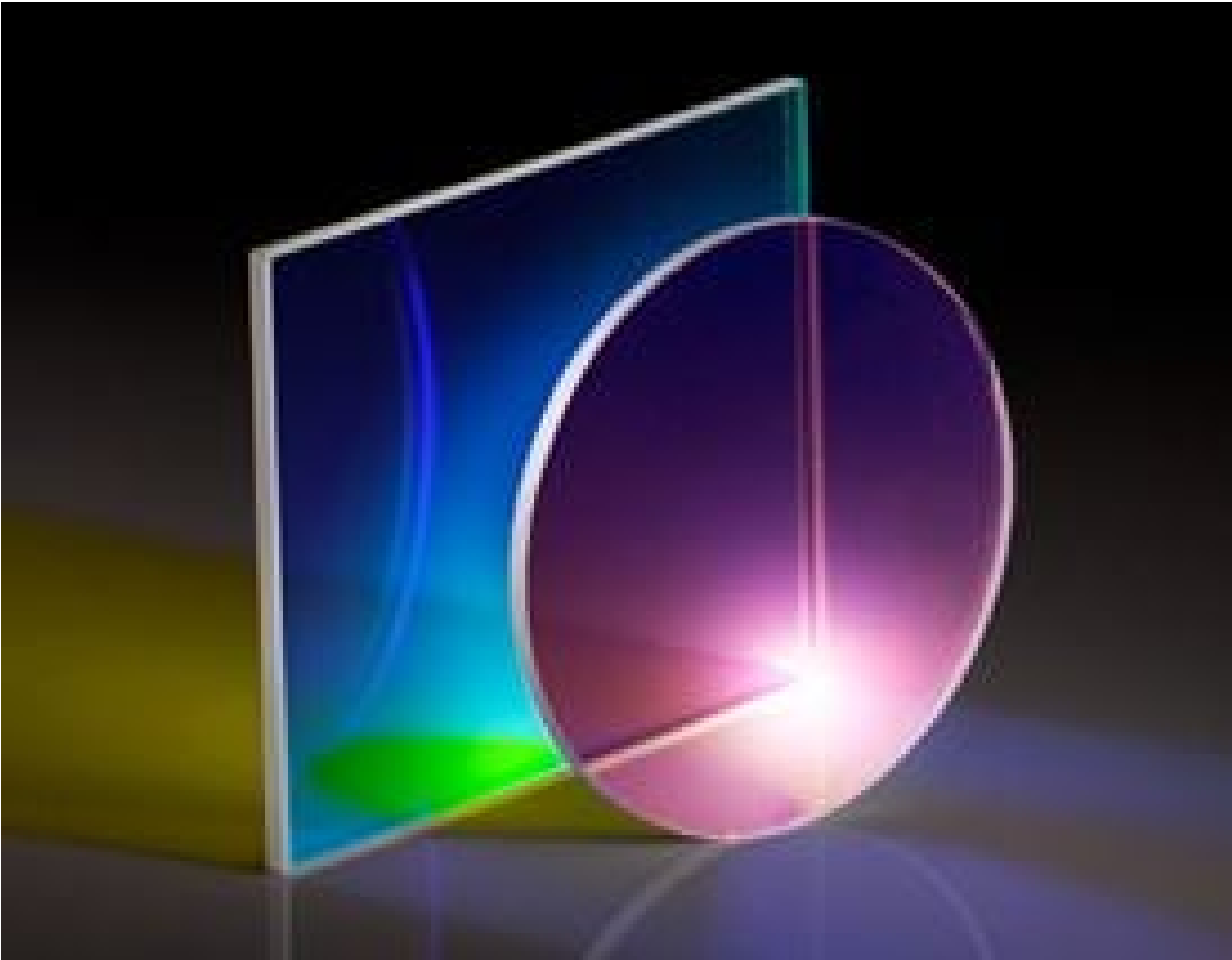


TECHSPEC® 550nm, 12.5mm Diameter, Dichroic Shortpass Filter



TECHSPEC Dichroic Shortpass Filters

Stock **#69-179** 3-4 DAYS



1



€123,00

ADD TO CART

Qty 1-5

€123,00

Qty 6+

€96,00

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.50

Angle of Incidence (°):
45

Cut-Off Wavelength (nm):
550.00

Substrate: Fused Silica (Corning 7980)
Coating: Hard Coated
P-Polarization Transmission (%) >80
Reflection (%) >97 Average Polarization
Reflection Wavelength (nm) 575 - 725
S-Polarization Transmission (%) >80
Surface Quality: 60-40
Thickness (mm) 1.05
Thickness Tolerance (mm) ±0.1
Transmission (%) >85 Average Polarization
Transmission Wavelength (nm) 400 - 530
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
Environmental Durability: Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
Physical Durability: Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
Coating Specification: Surface 1: Hard Dielectric Sputtered Surface 2: MgF₂
Wavelength Range (nm) 400 - 725

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant