

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



TECHSPEC® Low GDD Dichroic Shortpass Ultrafast Filters

Stock **#14-013** ☐ In Stock

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1

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C\$285.60

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Dimensions (mm):
25.2 x 35.6

Angle of Incidence (°):
45

Cut-Off Wavelength (nm):
700.00

Substrate:  Fused Silica (Corning 7980)
Length (mm): 35.60
Coating: Hard Coated
P-Polarization Transmission (%): >80
Reflection (%): >97 Average Polarization
Reflection Wavelength (nm): 725 - 900
S-Polarization Transmission (%): >80
Surface Quality: 60-40
Thickness (mm): 1.05 ±0.1
Transmission (%): >85 Average Polarization
Transmission Wavelength (nm): 400 - 680
Type: Dichroic Filter
Width (mm): 25.20
Dimensional Tolerance (mm): +0.0/-0.2
Transmitted Wavefront, RMS: λ/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): 400 - 900
GDD Specification (Transmission): 80 ±20fs² @ 450 - 680nm 120 ±80fs² @ 400 - 680nm

Regulatory Compliance

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