

25.4mm Dia., 740 - 860nm, Third Order Dispersion (TOD) Ultrafast Mirror

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UltraFast Innovations (UFI) Third Order Dispersion (TOD) Ultrafast Mirrors

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Wedge (arcmin):
10

Clear Aperture (%):
80

Back Surface:

Commercial Polish
Coating Specification: R _{avg} >99% @ 740 - 860nm (7° AOI, p-polarization)
GDD Specification: 0fs ² @ 740 - 860nm (7° AOI, p-polarization)
Wavelength Range (nm): 740 - 860
Irregularity (P-V) @ 632.8nm: λ/10
Coating Type: Dielectric
Coating: Third Order Dispersive (740-860nm)
Design Wavelength DWL (nm): 800
Diameter (mm): 25.40 +0.00/-0.05
Thickness (mm): 6.35 ±0.20
Angle of Incidence (°): 7
Substrate: ☐ Fused Silica (Corning 7980)
TOD Specification: -2500fs ³ @ 740 - 860nm (7° AOI, p-polarization)

Regulatory Compliance

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