

25.4mm Dia., 1030nm Highly-Dispersive Ultrafast Mirror with Reduced Thermal Lensing

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UltraFast Innovations (UFI) 1030nm Highly-Dispersive Ultrafast Mirrors with Reduced Thermal Lensing

Stock **#17-070** 3-4 DAYS

-

1

+

£827.05

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Qty 1-9

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£744.60

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Wedge (arcmin):

10

Clear Aperture (%):

80

Back Surface:

Commercial Polish
Coating Specification: R _{avg} >99.5% @ 1010 - 1050nm (5° AOI, p-polarization)
GDD Specification: -1000fs ² @ 1010 - 1050nm (5° AOI, p-polarization)
Wavelength Range (nm): 1010 - 1050
Irregularity (P-V) @ 632.8nm: λ/10
Coating Type: Dielectric
Coating: Highly Dispersive (1010-1050nm)
Design Wavelength DWL (nm): 1030
Diameter (mm): 25.40 +0.00/-0.05
Thickness (mm): 6.35 ±0.20
Angle of Incidence (°): 5
Substrate: Fused Silica (Coming 7980)
Damage Threshold, Reference: >0.3 J/cm² for 1 ps @5 kHz rep rate @ 1030nm

Regulatory Compliance

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