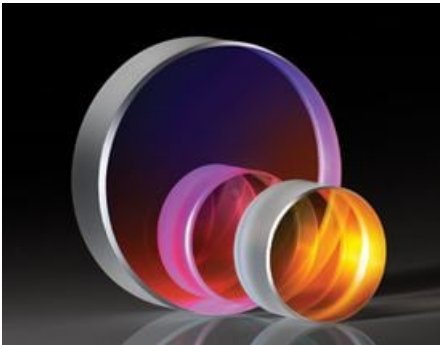


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UltraFast Innovations (UFI) 2 μ m Highly-Dispersive Broadband Ultrafast Mirrors

See More by [UltraFast Innovations \(UFI\)](#)



- Reflectivity >99.9% Between 2000 - 2200nm
- GDD of -1000fs² @ 5° AOI
- Ideal for <100fs Pulse Compression of Thulium and Holmium Lasers
- Broadband Ultrafast Chirped Coating

Common Specifications

General

Typical Applications:	Thulium and Holmium Lasers
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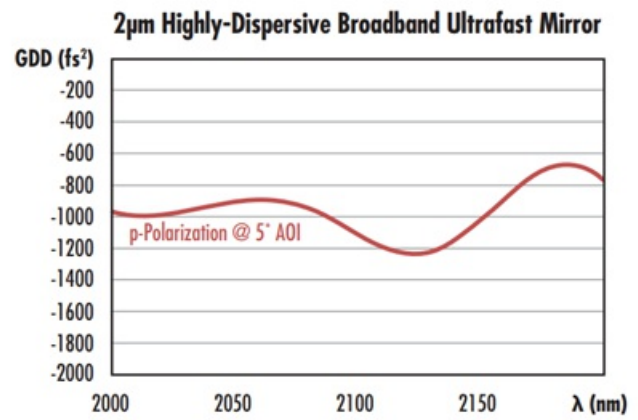
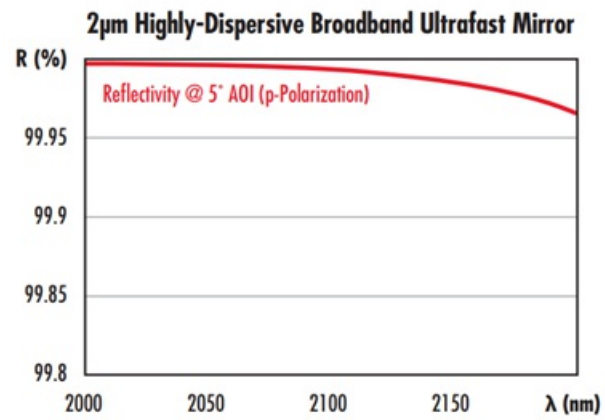
Physical & Mechanical Properties

Wedge (arcmin):	10	
Clear Aperture (%):	80	Back Surface: Commercial Polish
Thickness (mm):	6.35 ±0.01	

Optical Properties

Reflection at DWL (%):	>99.95	
Reflectivity (Rp%):	99.9	Coating Specification: R _{avg} >99.9% @ 2000 - 2200nm (p-polarization)
GDD Specification:	-1000fs ² @ 2000 - 2200nm (p-polarization)	Wavelength Range (nm): 2000 - 2200
Irregularity (P-V) @ 632.8nm:	λ/10	Coating Type: Dielectric
Coating:	Chirped Ultrafast (2000-2200nm)	Design Wavelength DWL (nm): 2000
Angle of Incidence (°):	5	Substrate: Fused Silica (Corning 7980)

Technical Information



Products

Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
2000 - 2200	2000	12.70	6.35	5	#11-413	€695,00 Qty 4+ €615,00	3-4 days
2000 - 2200	2000	25.40	6.35	5	#11-414	€825,00 Qty 4+ €730,00	3-4 days



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