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UltraFast Innovations (UFI) 780 and 800nm Highly-Dispersive Ultrafast Mirrors

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- Reflection >99.8% (P-polarization) at 720 – 840nm or 780 – 830nm
- Low Group Delay Dispersion at 5° or 20° AOs
- Ideal for Pulse Compression of Ti:sapphire Ultrafast Lasers
- [Low GDD Mirrors](#) Also Available

Common Specifications

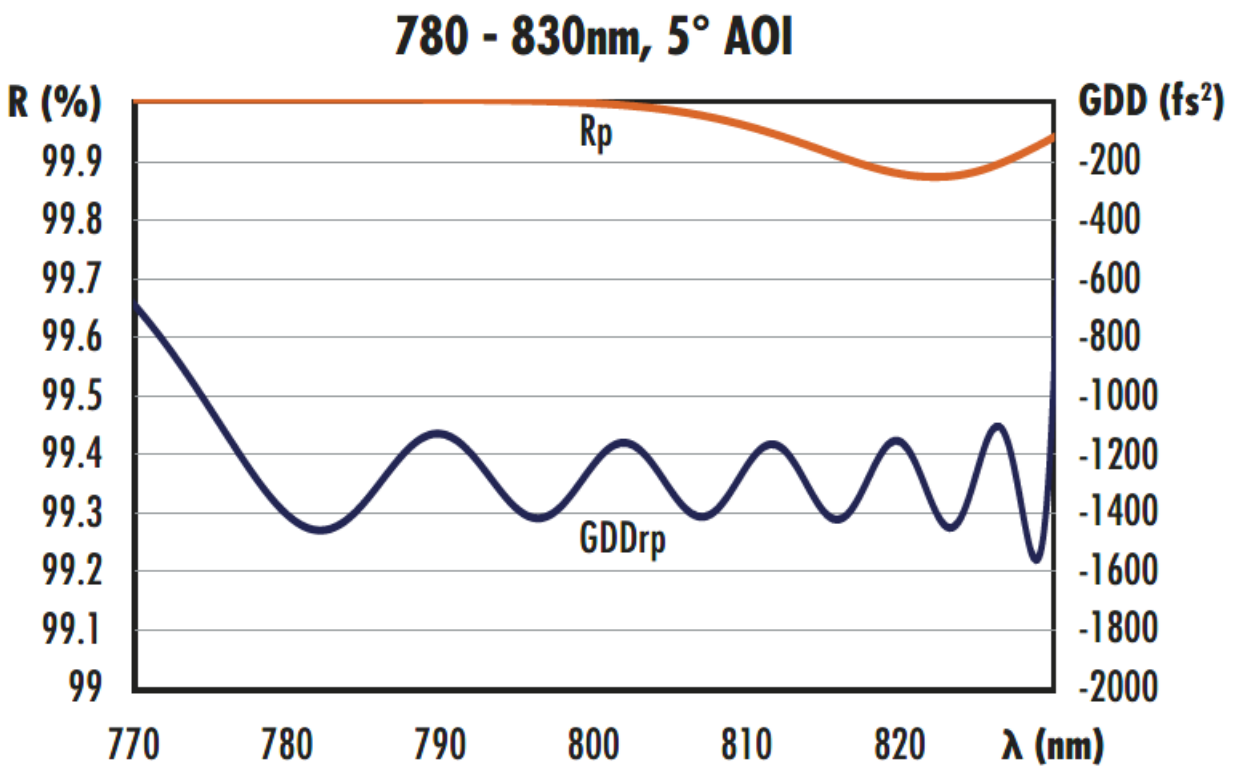
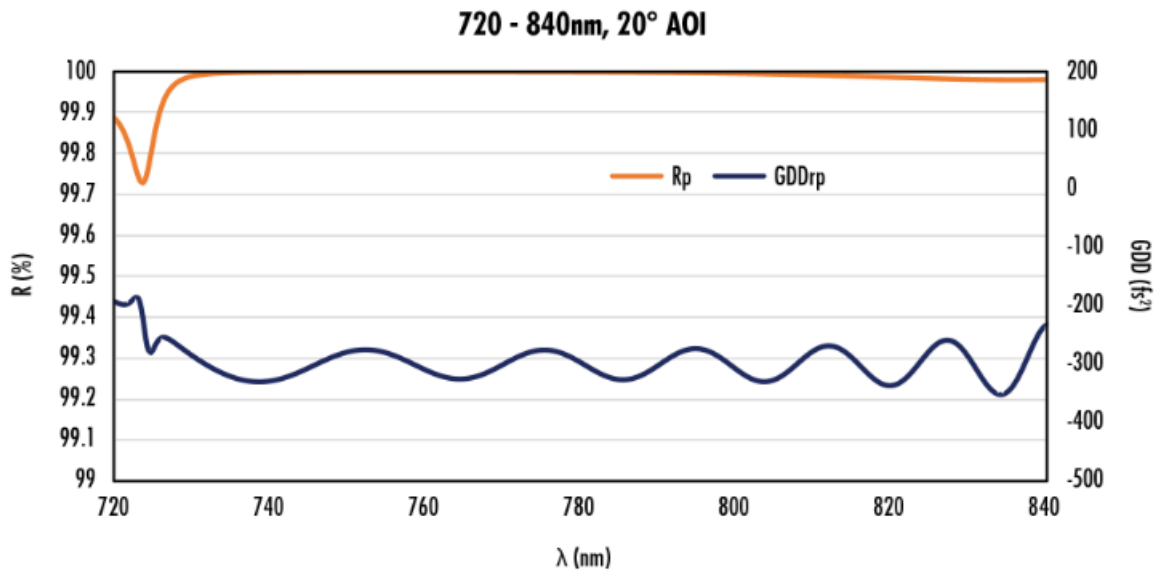
Physical & Mechanical Properties

Wedge Angle (arcmin):	10 ±5	Clear Aperture (%):	80
Back Surface:	Commercial Polish		

Optical Properties

Irregularity (P-V) @ 632.8nm:	$\lambda/10$		
Coating Type:	Dielectric	Substrate:	Fused Silica (Corning 7980)

Technical Information



Products

Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
780 - 830	800	12.70	6.35	5	#12-330	₹31,140 Qty 4+ ₹27,637	10 to 12 days
720 - 840	780	25.40	6.35	20	#17-067	₹59,555 Qty 10+ ₹52,549	10 to 12 days
780 - 830	800	25.40	6.35	5	#12-331	₹51,381 Qty 4+ ₹45,153	10 to 12 days



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