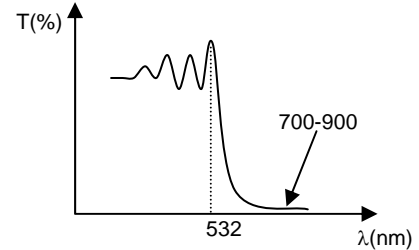
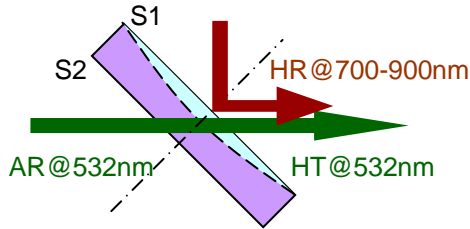
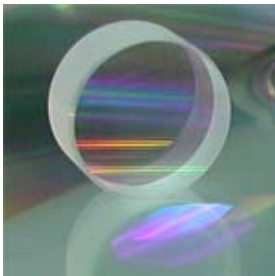


532nm Input Laser Cavity Mirror (45° AOI)
700-900nm High Reflection
PMI-532B-700B Series



ORDERING INFORMATION:	PMI	-	532B	-	700B	-	Diameter (mm)	-	Thickness (mm)	-	Radius (mm)
							Ø12.7		3		Flat
							Ø25.4		6		-50
							Ø50.8		**		-100
							**				-200
											-500
											-1000
											**

General Specifications:	
Substrate Material:	BK7 Glass
Flatness:	$\lambda / 10$ at 633nm
Surface Quality:	10-5 scratch and dig
Diameter Tolerance:	+ 0.00mm, - 0.10mm
Thickness Tolerance:	± 0.10 mm
Wedge:	≤ 5 minutes
Chamfer:	0.2mm at 45° typical
Concentricity:	≤ 0.05 mm
Radius Tolerance:	$\pm 0.5\%$
Coating Technology:	Electron beam multilayer dielectric
Adhesion and Durability:	Per MIL-C-675C. Insoluble in lab solvents
Clear Aperture:	Exceeds central 85% of dimension
Damage Threshold:	1MW/cm ² CW, 5J/cm ² (10ns Pulse)
Coating (45° AOI)	S1: HR @ 700 ~ 900nm (R>99.5%) HT @ 532nm (T > 98%) S2: AR @ 532nm (R < 0.25%)

** Upon request

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