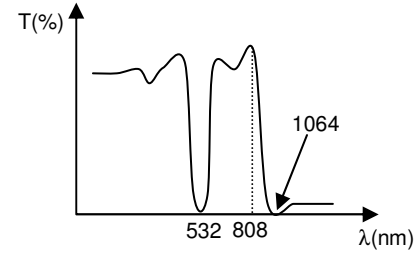
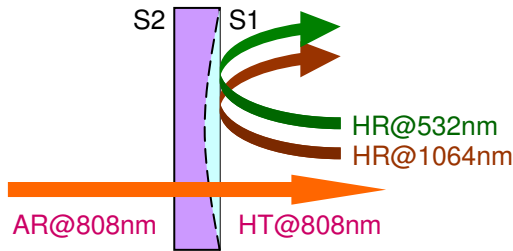
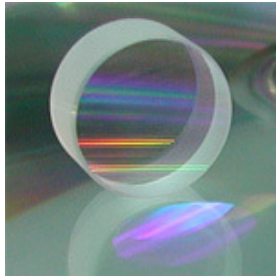


808nm Input Mirror for DPSS Laser Cavity (0° AOI)  
 532&1064nm High Reflection  
**PMI-808A-1064C Series**



<b>ORDERING INFORMATION:</b>	<b>PMI</b>	-	<b>808A</b>	-	<b>1064C</b>	-	<b>Diameter (mm)</b>	-	<b>Thickness (mm)</b>	-	<b>Radius (mm)</b>
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Ø12.7	3	Flat
Ø25.4	6	-50
Ø50.8	**	-100
**		-200
		-500
		-1000
		+50
		+100
		+200
		+500
		+1000
		**

<b>General Specifications:</b>	
Substrate Material:	BK7 Glass
Flatness:	$\lambda / 10$ at 633nm
Surface Quality:	10-5 scratch and dig
Diameter Tolerance:	+ 0.00mm, - 0.10mm
Thickness Tolerance:	$\pm 0.10$ mm
Wedge:	$\leq 5$ minutes
Chamfer:	0.2mm at 45° typical
Concentricity:	$\leq 0.05$ 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 <sup>2</sup> CW, 5J/cm <sup>2</sup> (10ns Pulse)
Coating (0° AOI)	S1: HR @ 1064nm (R>99.5%) HR @ 532nm (R>99.5%) HT @ 808nm (T > 98%) S2: AR @ 808nm (R < 0.25%)

\*\* Upon request

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