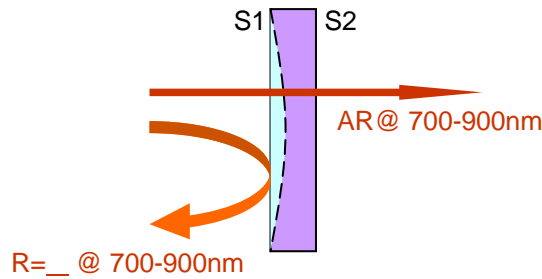
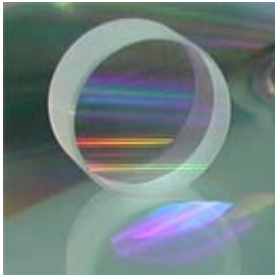
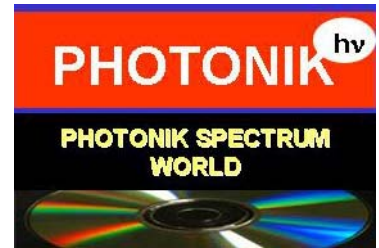


# Output Laser Cavity Mirror @ 700-900nm (0° AOI) PMO-(700-900)A Series



Ø25.4	6
Ø12.7	3

ORDERING INFORMATION:	PMO	-	(700-900)A	-	Diameter (mm)	-	Thickness (mm)	-	Radius (mm)	-	Reflection (S1)(%)
									Flat		99.5
									-50		98.0
									-100		96.0
									-200		94.0
									-300		92.0
									-400		90.0
									-500		85.0
									-900		80.0
									-1000		75.0
									**		70.0
											**

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:	$\pm 0.10$ 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: R @ 700 ~ 900nm S2: AR @ 700 ~ 900nm

\*\* Upon request

### Contact Information:

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