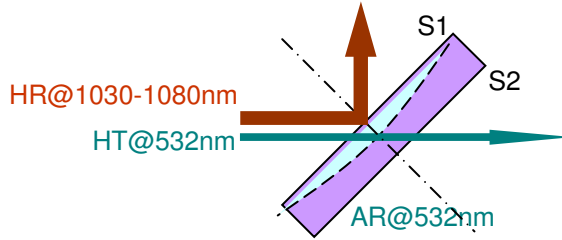
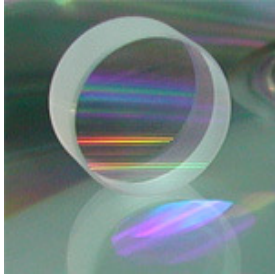


# SHG Laser Cavity Mirror of 532nm (45° AOI) PMO-532B-1064B Series



ORDERING INFORMATION:	PMO	-	532B	-	1064B	-	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:	$\pm 0.10$ 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 (45° AOI)	S1: HT @ 532nm (T > 98%) HR @ 1030 ~ 1080nm (R > 99.5%) S2: AR @ 532nm (R < 0.25%)

\*\* Upon request

### Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

8 Boon Lay Way, TradeHub 21, #04-04, Singapore 609964  
Tel: +65-6316-6370, +65-6316-2142 Fax: +65-6316-1082  
Email: sales@photonik.com.sg Web: www.photonik.com.sg

### Local Representative: