

Laser Cavity Mirrors

Product Description:

Laser cavity mirrors are manufactured with superior quality for use in high power laser systems. The surfaces are dielectrically coated for the proper reflectivity.

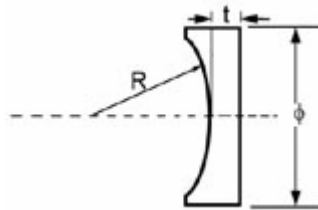
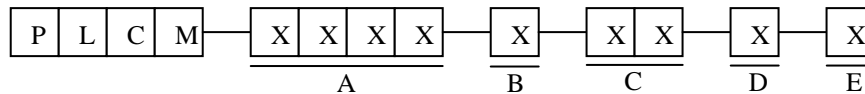


Figure 1: A schematic drawing of a laser cavity mirror

Specifications:

Material	Fused Silica, BK7
Dimension Tolerance	+0.0, -0.2mm
Flatness	$\lambda / 8 @ 632.8\text{nm}$
Clear Aperture	> 85%
Surface Quality	10~5
AR Coating	Specified by Customer

Ordering Information:



A	Wavelength	1550=1550nm
		980=0980nm
		XXXX=write your application wavelength
B	Material	1=BK7
		2=Fused Silica
		0=Special
C	Size*	01=25.0X10.0X3.0mm
		Check standard size table for standard size
		00=customized size

D	Coating	1=Yes
		0=No
E	Mount	1=Yes
		0=No

Standard Size Table

Dimension P/N	-R (mm)	ϕ (mm)	t (mm)
01	25.0	10.0	3.0
02	25.0	25.4	6.35
03	30.0	10.0	3.0
04	30.0	25.4	6.35
05	40.0	10.0	3.0
06	40.0	25.4	6.35
07	50.0	10.0	3.0
08	50.0	25.4	6.35
09	80.0	10.0	3.0
10	80.0	25.4	6.36
11	100.0	10.0	3.0
12	100.0	25.4	6.35
13	150.0	10.0	3.0
14	150.0	25.4	6.35
15	200.0	10.0	3.0
16	200.0	25.4	6.35
17	250.0	10.0	3.0
18	250.0	25.4	6.36
19	300.0	10.0	3.0
20	300.0	25.4	6.35
21	400.0	10.0	3.0
22	400.0	25.4	6.35
23	500.0	10.0	3.0
24	500.0	25.4	6.35