

Fused Silica Optical Windows

Product Description:

Optical windows are optical materials with polished surfaces that are relatively parallel. They are used to isolate different physical environments while allowing a light beam to pass.

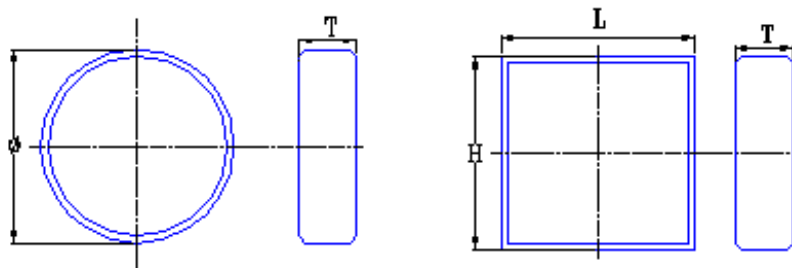
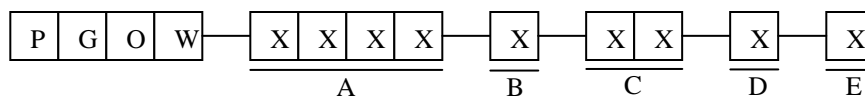


Figure 1: A schematic drawing of one circular window and one rectangular window

Specifications:

Material	Fused Silica
Dimension Tolerance	$\pm 0.05\text{mm}$
Parallelism	< 20 arc second
Flatness	$\lambda / 8 @ 632.8\text{nm}$
Clear Aperture	$> 90\%$
Surface Quality	20~10
Coating	Specified by customer

Ordering Information:



A	Wavelength	630=0630nm
		1310=1310nm
		XXXX=Your application wavelength
B	Material	2=Fused Silica
		0=Special

C	Size	01=12.7X12.7X1.5mm
		Check standard size table for standard size
		00=customized size
D	Shape	1 = Circle
		2 = Rectangle
E	Coating	1 = Yes
		0 = No

Standard Size Table:

01	12.7X12.7X1.5mm
02	18.0X18.0X1.5mm
03	Φ 25.4X1.5mm
04	50.8X50.8X3mm