

# GLASS WINDOW

## Specifications

### BK7, Fused Silica Window

Parameter	Specification	
Material	BK7, fused silica	
Type	Standard Type	High Precision Type
Diameter Tolerance	+0.0~0.1mm	+0.0~0.1mm
Thickness Tolerance	±0.2mm	±0.2mm
Wavefront Distortion	$\lambda$ per 25mm	$\lambda/10$ per 25mm
Parallelism	1 arc minute	10 arc seconds
Surface Quality	60/40	40/20
Clear Aperture	>85%	>85%
Bevel	0.25mm * 45°	0.25mm * 45°

### Calcium Fluoride Window

Parameter	Specification
Material	CaF <sub>2</sub>
Diameter Tolerance	+0.0~0.1mm
Thickness Tolerance	±0.2mm
Wavefront Distortion	$\lambda/10$ per 25mm
Parallelism	1 arc minute
Surface Quality	80/50
Clear Aperture	>85%
Bevel	0.25mm * 45°

