



Optical Windows are flat, plane-parallel plates that are often used as protective barriers for electronic sensors or detectors from outside environments. Optical Windows should be selected based on the material transmission or mechanical properties of the substrate. Optical windows do not cause change in the magnification of a system.

Parameter	Standard	High Precision
Material	BK7, B270, Float Glass, FS, UVFS, Ge, CaF2, MgF2, Sapphire or others	
Dimension tolerance	+0.0/-0.2 mm	+0.0/-0.1 mm
Tc tolerance	± 0.3 mm	± 0.1 mm
Clear aperture	85%	90%
Surface quality	60-40 S-D	20-10 S-D
Surface flatness	1/2λ@632,8 nm	1/8 λ @632.8nm
Deviation	±3 arc min	±1 arc min
Coating	Uncoated, available upon on request	