

SHERLAN OPTICS

optical glass dome

Description for glass dome lens

1. Raw material of optical glass dome: Pyrex, Optical glass.
2. Processing of optical glass dome: by Molding, Grinding, Polishing
3. Surface quality of optical glass dome: optical surface quality and well controlled tolerance
4. Inside quality of optical glass dome: clear and transparent, no mold marks, no inside bubble and dirt,
5. Function of optical glass dome: Protecting lenses
6. Application of optical glass dome: Lighting system, Electronics, Electrical apparatus, Industries, e.g. underwater light, monitoring cover, camera lens

Specifications for glass dome lens

Category	Optical Glass Lens
Item	glass domes china
Material	Optical glass BK7, K9, Fused Silica, etc.
Dimension	2-600mm
Dimension Tolerance	+0/-0.2mm
Center Thickness Tolerance	+/-0.2mm
Focal length	±2%
Centration	<3 arc min
Clear Aperture (CA)	>90%
Transmittance	98%
Wavelength	400-700nm
Fringe	1-5
Irregularity of Fringes	0.2-0.5
Surface Quality(S/D)	60/40 scratch and dig
Chamfer	<0.5mmx45 degree
Coating	Both side Antireflection Coatings

Special size can be offered upon request. All dimensions are in mm unless otherwise specified.