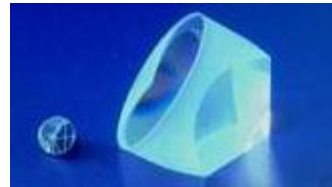


Corner Cube Retroreflectors

It has three mutually perpendicular surfaces and a hypotenuse face, light entering through the hypotenuse is reflected by each of the three surfaces in turn and will emerge through the hypotenuse face parallel to the entering beam regardless of the orientation of the incident beam.

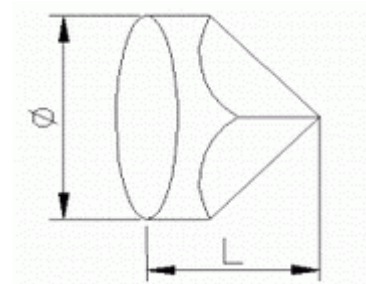
It is often used for distance measurement, optical signal processing and laser interferometry.



Corner Cube Retroreflectors

Specifications:

- Material: **BK7 Grade A optical glass**
- Dimension Tolerance: $\pm 0.2\text{mm}$
- Clear Aperture: $>80\%$
- Deviation Tolerance: ± 5 arc seconds
- Surface Quality: 60/40
- Flatness: $\lambda/4$ on big surface, $\lambda/10$ on other surfaces
- Wavefront Distortion: $\lambda/2$ @632.8nm
- Bevel: 0.2mm to 0.5mm



Part No.	Φ(mm)	L (mm)
FCC1101	6.0	6.0
FCC1102	10.0	9.0
FCC1103	12.7	10.0
FCC1104	15.0	11.3
FCC1105	25.4	19.0
FCC1106	38.0	28.5
FCC1107	50.8	37.5
FCC1108	62.0	48.0