

## Beamsplitter Penta Prism

By adding a wedge and with partial reflective coating on first reflective surface, Penta Prism can be used as Beamsplitter. We supply Beamsplitter Penta Prism with standard Transmission/reflection (T/R) ratio of 20/80, 50/50. Other T/R ratio is available upon request.

### Specifications

Material	BK7 Grade A Optical Glass
Dimension Tolerance	±0.2 mm
90°Deviation Tolerance	According to the Form
Flatness	$\lambda/2$ (Standard), $\lambda/4$ (High Precision)@633nm
Reflectivity	R>95% Per Face @400~700nm
Surface Quality	60/40 Scratch/Dig
Beamsplitter Ratio Transmission/Reflection	20/80±5 or 50/50±5
Coating on Input and Output Surface	Uncoated

Size(mm)	1 Min. deviation	30 Sec. Deviation	10 Sec. Deviation
A x h	Part No.	Part No.	Part No.
7 x 6	PPS1103	PPS1203	PPS1303
10 x 10	PPS1104	PPS1204	PPS1304
15 x 15	PPS1105	PPS1205	PPS1305
20 x 20	PPS1106	PPS1206	PPS1306

## Corner Cube Retroreflectors

### Specifications

Material-----	BK7 Grade A Optical Glass	CCR1101	15	11.3
Dimension Tolerance -----	+0.0, -0.2 mm	CCR1102	25.4	19
Clear Aperture-----	>80%	CCR1103	38	28.5
Deviation-----	180°±3 arc seconds	CCR1104	50.8	37.5
Flatness -----	$\lambda/4$ on big surface, $\lambda/10$ on Other Surfaces			
Surface Quality:-----	60/40 Scratch and Dig			
Wavefront Distortion-----	$\lambda/2$ @633nm			
Bevel-----	0.2 mm to 0.5 mm			
Coating on Input and Output Surface-----	Uncoated			

