

Beamsplitter Cube

Features

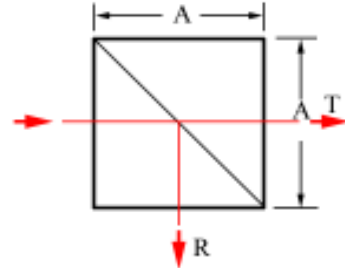
- Optional R/T Ratio
- R/T Ratio for Random Polarization
- Easy to Mount/Align and Operation

Applications

- Fiber Optical Communication System
- Imaging Optics System

Specifications

Material	BK7
Dimension tolerance	±0.1mm
Parallelism	3arcmin
Surface quality	60-40 S/D
Surface flatness	$\lambda/4@632.8\text{nm}$
Clear aperture	>90%
Reflectance/Transmittance	$R/T \pm 5\% @ 45^\circ$ $R=(R_s+R_p)/2, T=(T_s+T_p)/2$
Bevel	Protective bevel
Coating on hypotenuse	Partial Reflectance Coating
Coating on entrance & exit	AR Coating



Standard Products

Part No.	Size(mm)	R/T (%)	Unit price
HBSC101	5.0×5.0×5.0	50/50	\$60.0
HBSC102	10.0×10.0×10.0	50/50	\$60.0
HBSC103	12.7×12.7×12.7	50/50	\$70.0
HBSC104	15.0×15.0×15.0	50/50	\$75.0
HBSC105	25.4×25.4×25.4	50/50	\$85.0
HBSC106	38.0×38.0×38.0	50/50	\$100.0