

# Polarizing Beamsplitter Cube

## Features

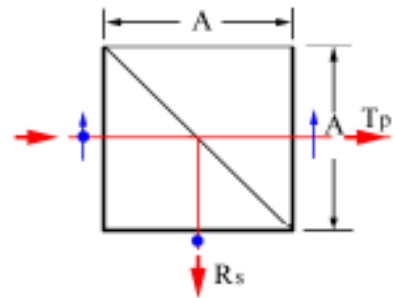
- High Extinction Ratio
- Perfect Transmittance & Reflectance

## Applications

- Fiber Optical Communication System
- Circulators

## 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%
Principle reflectance	$R_s > 99\%$ and $R_p < 5\%$
Principle transmittance	$T_p > 95\%$ and $T_s < 1\%$
Bevel	Protective bevel
Coating on hypotenuse	Polarization Beamsplitter Coating
Coating on entrance & exit	AR Coating



## Standard Products

Part No.	Size (mm)	Unit price
HPBS121	5.0×5.0×5.0	\$70.0
HPBS122	10.0×10.0×10.0	\$80.0
HPBS123	12.7×12.7×12.7	\$85.0
HPBS124	15.0×15.0×15.0	\$95.0
HPBS125	25.4×25.4×25.4	\$110.0
HPBS126	30.0×30.0×30.0	\$130.0