

# Beamsplitter Plates

## Features

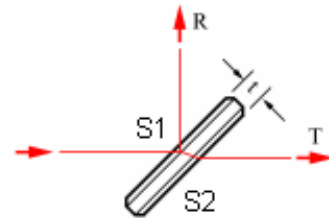
- Optional R/T Ratio
- R/T Ratio for Random Polarization
- Easy to Mount/Align and Operation

## Applications

- Fiber Optical Communication System
- Imaging Optics System

## Specifications

Material	BK7
Dimension tolerance	±0.1mm
Parallelism	1arcmin
Surface quality	60-40 S/D
Surface flatness	$\lambda/2@632.8\text{nm}$
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 S1	Partial Reflectance Coating
Coating on S2	AR Coating



## Standard Products

Part No.	Φ (mm)	t (mm)	R/T (%)	Unit price
HBSP0121	12.7	3.0	30/70	\$35.0
HBSP0122	12.7	3.0	50/50	\$35.0
HBSP0123	12.7	3.0	70/30	\$35.0
HBSP0124	25.4	3.0	30/70	\$50.0
HBSP0125	25.4	3.0	50/50	\$50.0
HBSP0126	25.4	3.0	70/30	\$50.0
HBSP0127	38.0	3.0	30/70	\$65.0
HBSP0128	38.0	3.0	50/50	\$65.0
HBSP0129	38.0	3.0	70/30	\$65.0