

# Beamsplitter Plate

## Description

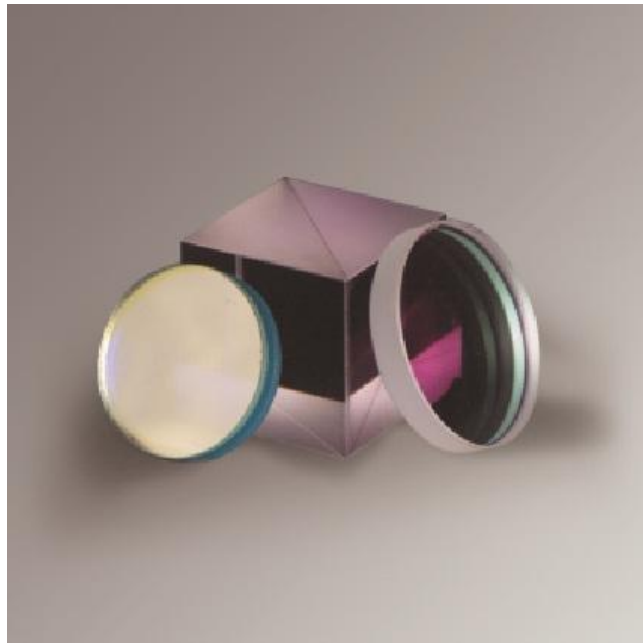
A beamsplitter Plate is used to break a beam into two separate beams. It will reflect a portion of the incident energy, absorb a small portion and transmit the remaining energy.

## Applications

- Optical System

## Benefits

- Material : BK7, Fused Silica
- Flatness:  $\lambda / 4$
- Surface quality: 60-40
- Coating: S1 single or broadband wavelength beamsplitter coatings, S2 AR coating ,AOI 45°
- T/R=50/50, 30/70, 40/60,  $T=(T_s+T_p)/2$ ,  $R=(R_s+R_p)/2$



## Products

Wavelength(nm)	T/R	Size $\Phi 25.4 \times 2 \text{mm}$	Size $\Phi 12.7 \times 2 \text{mm}$
532	T/R=50/50 $\pm 2\%$	CBP-532-50-01	CBP-532-50-02
632	T/R=40/60 $\pm 2\%$	CBP-632-40-01	CBP-632-40-02
808	T/R=30/70 $\pm 2\%$	CBP-808-30-01	CBP-808-30-02
1064	T/R=20/80 $\pm 2\%$	CBP-1064-20-01	CBP-1064-20-02
1550	T/R=80/20 $\pm 2\%$	CBP-1550-80-01	CBP-1550-80-02
450-650	T/R=25/75 $\pm 3\%$	CBP-VIS-25-01	CBP-VIS-25-02
450-650	T/R=30/70 $\pm 3\%$	CBP-VIS-30-01	CBP-VIS-30-02
450-650	T/R=50/50 $\pm 3\%$	CBP-VIS-50-01	CBP-VIS-50-02
450-650	T/R=70/30 $\pm 3\%$	CBP-VIS-70-01	CBP-VIS-70-02
450-650	T/R=80/20 $\pm 3\%$	CBP-VIS-80-01	CBP-VIS-80-02
650-900	T/R=50/50 $\pm 3\%$	CBP-650-900-50-01	CBP-650-900-50-02
900-1200	T/R=50/50 $\pm 3\%$	CBP-900-1200-50-01	CBP-900-1200-50-02