

Polarizing Beamsplitter Plate

Description

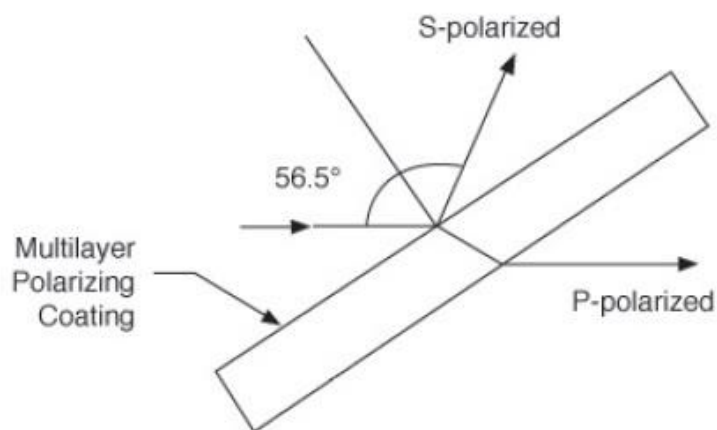
A Polarizing Beamsplitter Plate split randomly polarized Beams into two linearly polarized beams, S polarized light is reflected and P polarized light is transmitted

Applications

- Laser Systems
- 3D Projection Display

Benefits

- Material : BK7, Fused Silica
- Flatness: $\lambda/4$
- Surface quality: 60-40
- AOI 45° or 56.5°
- Transmittance Distortion $< \lambda/8$
- Reflectance Distortion $< \lambda/4$
- Extinction Ratio $> 500:1$



Products

Wavelength(nm)	T/R	Size $\Phi 25.4 \times 2 \text{mm}$	Size $\Phi 12.7 \times 2 \text{mm}$
532	Tp>98.0%@532nm Rs>99.5%@532nm	PBP-532-02	PBP-532-01
633	Tp>98.0%@633nm Rs>99.5%@633nm	PBP-633-02	PBP-633-01
808	Tp>98.0%@808nm Rs>99.5%@808nm	PBP-808-02	PBP-808-01
1064	Tp>98.0%@1064nm Rs>99.5%@1064nm	PBP-1064-02	PBP-1064-01
1550	Tp>98.0%@1550nm Rs>99.5%@1550nm	PBP-1550-02	PBP-1550-01
420-680	Tp>98.0%@420-680nm Rs>99.5%@420-680nm	PBP-VIS-02	PBP-VIS-01