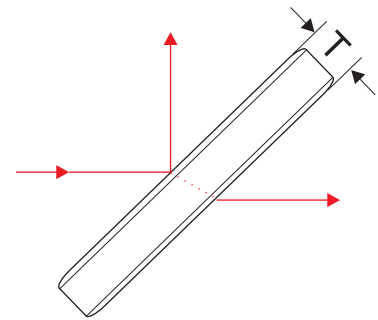


Beamsplitter

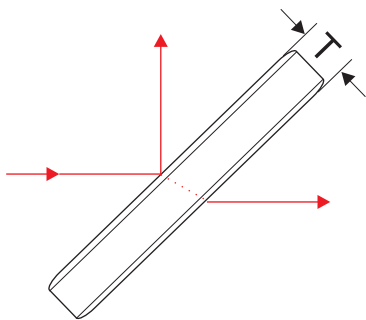
Beamsplitter Plate

Narrow Band Beamsplitter Plate

- Material BK7 grade A optical glass
- Dimension Tolerance $\pm 0.2\text{mm}$
- Parallelism < 1 arc minute
- Flatness $\lambda/4@632.8\text{nm}$ per 25mm
- Surface Quality 60/40 scratch and dig
- Transmittance/Reflectance $50/50 \pm 5\%$, for natural light
 $T = (T_s + T_p)/2$, $R = (R_s + R_p)/2$
- Coating(AOI=45deg) S1: Partial reflectance at single wavelength
 S2: Multi-Layer AR coating
- Standard Wavelength 532, 633, 650, 780, 850, 980, 1064nm



Broadband Beamsplitter Plate



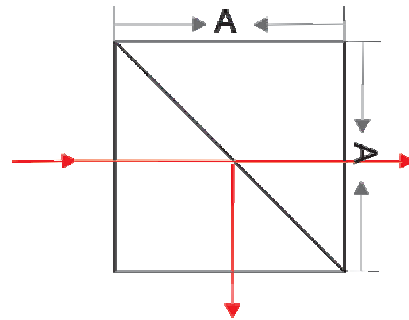
- Material BK7 grade A optical glass
- Dimension Tolerance $\pm 0.2\text{mm}$
- Parallelism < 1 arc minute
- Flatness $\lambda/4@632.8\text{nm}$ per 25mm
- Surface Quality 60/40 scratch and dig
- Transmittance/Reflectance $50/50 \pm 5\%$, for natural light
 $T = (T_s + T_p)/2$, $R = (R_s + R_p)/2$
- Coating(AOI=45deg) S1: Broadband partial reflectance
 S2: Broadband AR coating
- Standard Wavelength 450-650nm, 650-900nm, 900-1200nm

Note: Other T/R such as 30/70 and 20/80 can be offered upon request.

Beamsplitter Cube

Narrow Band Beamsplitter Cube

- Material BK7 grade A optical glass
- Dimension Tolerance $\pm 0.2\text{mm}$
- Beam Deviation < 3 arc minutes
- Flatness $\lambda/4 @ 632.8\text{nm}$ per 25mm
- Surface Quality 60/40 scratch and dig
- Transmittance/Reflectance $50/50 \pm 5\%$, for natural light
 $T = (T_s + T_p)/2$, $R = (R_s + R_p)/2$
- Coating (AOI=45deg) Partial reflectance at single wavelength on hypotenuse face
Multi-Layer AR coating on all entrances
- Standard Wavelength 532, 633, 650, 780, 850, 980, 1064nm



Broadband Beamsplitter Cube

- Material BK7 grade A optical glass
- Dimension Tolerance $\pm 0.2\text{mm}$
- Beam Deviation < 3 arc minutes
- Flatness $\lambda/4 @ 632.8\text{nm}$ per 25mm
- Surface Quality 60/40 scratch and dig
- Transmittance/Reflectance $50/50 \pm 5\%$, for natural light
 $T = (T_s + T_p)/2$, $R = (R_s + R_p)/2$
- Coating (AOI=45deg) Broadband partial reflectance on hypotenuse face
Broadband AR coating on all entrances
- Standard Wavelength 450-650nm, 650-900nm, 900-1200nm

