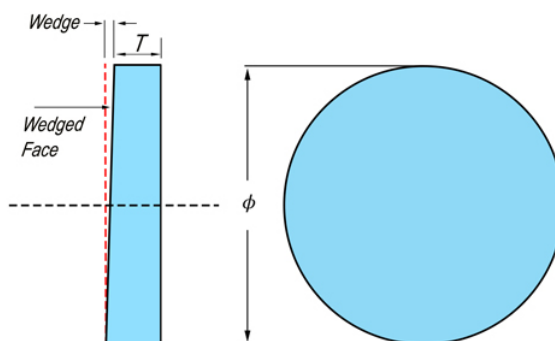


# CaF2 Wedge Beamsplitter

## Specifications

- **Material** : CaF2
- **Surface Figure**:  $\lambda/4@633\text{nm}$
- **Parallelism**:  $<10''$
- **Surface Quality**: 60-40 Scratch and dig
- **Clear Aperture**: 90%
- **Diameter Tolerance**:  $+0/-0.25\text{mm}$
- **Thickness Tolerance**:  $\pm 0.25\text{mm}$
- **Chamfer**: Protective Chamfer  $0.2\sim 0.5\text{mm}\times 45^\circ$
- **Wedge Angle**:  $30'\pm 10'$
- **S1**: Average Split ratio (R/T)  $\pm 10\%$  @  $45^\circ$  @  $2\sim 8\mu\text{m}$
- **S2**: none



Size (mm)	T (mm)	Split Ratio (R/T)	
		Part No	
$\phi 12.7$	3.0	BSP3-0-127-30-50-IR-CF	
$\phi 25.4$	5.0	BSP3-0-254-50-50-IR-CF	
$\phi 50.8$	8.0	BSP3-0-508-80-50-IR-CF	

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