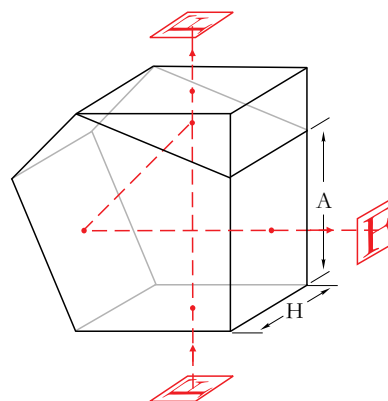


Beamsplitter Penta Prisms

Applications:

- Projection Optics Systems
- Imaging Optics Systems
- Optical Measurement Systems
- Optical Display Systems



Capability

Attribute	Commerce	High Precision
Typical Material	BK7	BK7
Typical Dimension AxB (mm)	10x10, 18x18	10x10, 18x18
Dimension Tolerance (mm)	+/-0.2	+/-0.05
90° Deviation Tolerance (arc second)	+/-20	+/-2
180° Deviation Tolerance (arc second)	+/-20	+/-5
Flatness (per 25mm@632.8nm)	$\lambda/2$	$\lambda/8$
Surface Quality (scratch/dig)	80-50	40-20
Beamsplitter Ratio T/R (%)	Typical 20/80+/-5% @ 630-680nm	Typical 20/80+/-5% @ 630-680nm
Bevel (face width x 45° mm)	0.2~0.5	0.05~0.2
Coating	Available for Green Laser	

