

Pellin-Broca Prisms

Features

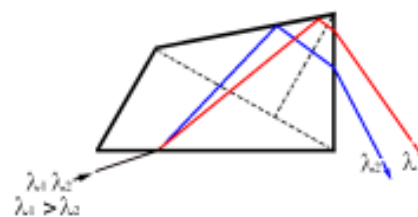
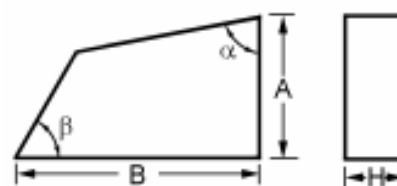
- High Precision Dimension
- Apply any AR Coating

Applications

- Dispersion Prism

Specifications

Material	BK7, UV Fused silica
Dimension tolerance	$\pm 0.1\text{mm}$
Angle	$\alpha = 79.5^\circ \pm 0.5^\circ, \beta = 60^\circ \pm 1^\circ$
Surface quality	20-10 S/D
Surface flatness	$\lambda/10 @ 632.8\text{nm}$
Clear aperture	>85%
Bevel	Protective bevel
Coating	Specified by customer



Standard Products

Part No.	Material	A (mm)	B (mm)	H (mm)
HPBP0101	BK7	23.5	40.0	12.7
HPBP0201	BK7	36.0	60.0	25.4
HPBP1101	UV Fused silica	11.0	20.0	6.4
HPBP1201	UV Fused silica	23.5	40.0	12.7