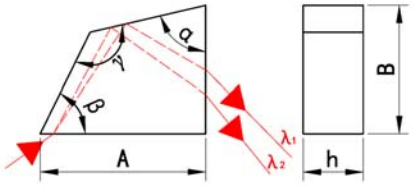
Pellin Broca Prism



Pellin Broca Prism is used to separate the harmonics of laser beam, it can be also used to compensate for group velocity dispersion. Due to the beam enters and exits the prism at Brewster's angle, the power loss is extremely low for P-polarized beam. The angle between input and output beam is close to 90°.

Specifications:

Material.....BK7, UV Fused Silica
Design Wavelength.....546.1nm
Dimension Tolerance.....±0.2mm
Clear Aperture.....>90%
Angle Tolerance.....<3 arc minutes
Surface Quality.....60-40 scratch and dig
Flatness.....<λ/8@632.8nm
Chamfer.....<0.5mm×45°
Coating.....No coating

P/N	A	B	h	α	β	γ	Material	Wavelength Range
21201	20.0	11.0	6.4	78.50°	60°	(131.50°)	BK7	380~2100nm
21202	40.0	22.0	12.8	78.50°	60°	(131.50°)	BK7	380~2100nm
21203	20.0	11.0	6.4	78.50°	60°	(131.50°)	UVFS	180~2100nm
21204	40.0	22.0	12.8	78.50°	60°	(131.50°)	UVFS	180~2100nm

●Demension unit:mm
●Other sizes and coatings are available upon request.