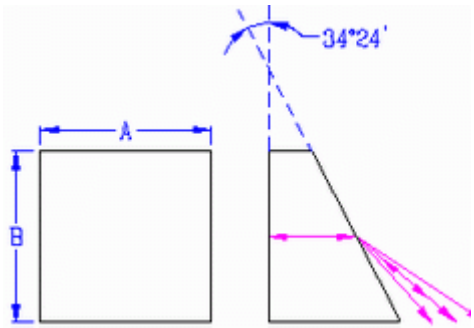
Brewster Prisms

Because Brewster Prisms'angles are chosen, rays at minimum deviation both enter and exit the prism at the Brewster angle. In this case, surface reflection losses are negligible.

They are often used inside the cavities of lasers operating on very low gain laser transitions, where even slight reflection losses may be intolerable. They are also used to select wavelength from a multi-wavelength laser.

Brewster Prisms Specifications:

- Material：**UV Fused Silica**
- Refractive Index：Nd=1.458
- Angular Dispersion：120
- Wavelength Range：190-2500nm
- For Low Reflection：190-425nm
- Dimension Tolerance：±0.5mm
- Apex Angle：±5 arc min
- Flatness：λ/10 @632.8nm
- Surface Quality：20/10
- Bevel：0.2mm to 0.5mm



Part No.	Dimensions	
	A(mm)	B(mm)
PBP1001	15.0	15.0
PBP1002	25.4	25.4