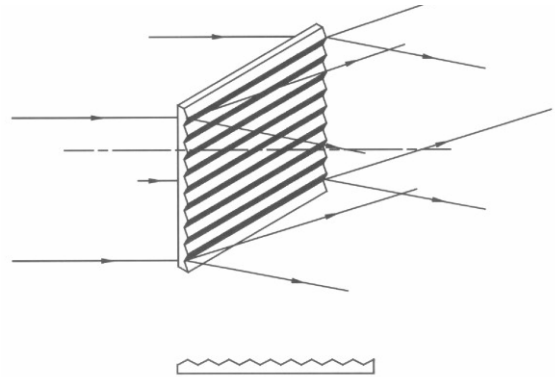


Beamsplitters

A Fresnel beamsplitter has a linear structure with constant prism and draft angles. The two facet angles of each prism are equal. Collimated light splits into two equal beams and the included angle between the two beams is referred to as the separation angle.



Designs Currently Available for Manufacture

Part Number	Prism Angle	Separation Angle	Facet Spacing	Clear Aperture	Prism Length
PR775	20°	20°	0.508	365 x 365	365
PR765	30°	32°	1.016	165 x 165	165
PR703	39°	42°	0.508	310 x 310	310
PR757	45°	51°	1.016	315 Ø	315 Ø
PR713	45°	51°	0.305	250 x 330	330

Notes:

1. All dimensions in millimeters (mm)
2. To determine number of lines per mm, use 1/facet spacing
3. Minimum order 25 parts per design
4. Custom designs available
5. Other designs may be available. Please call for further information.