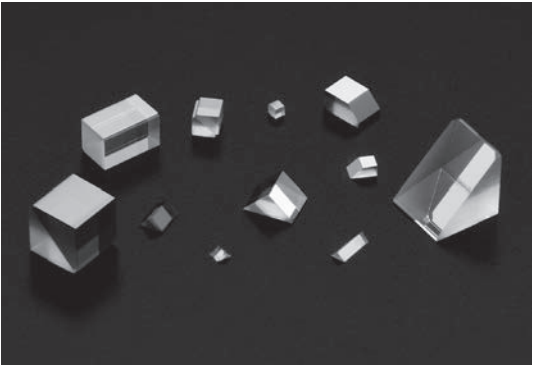


Micro Prism

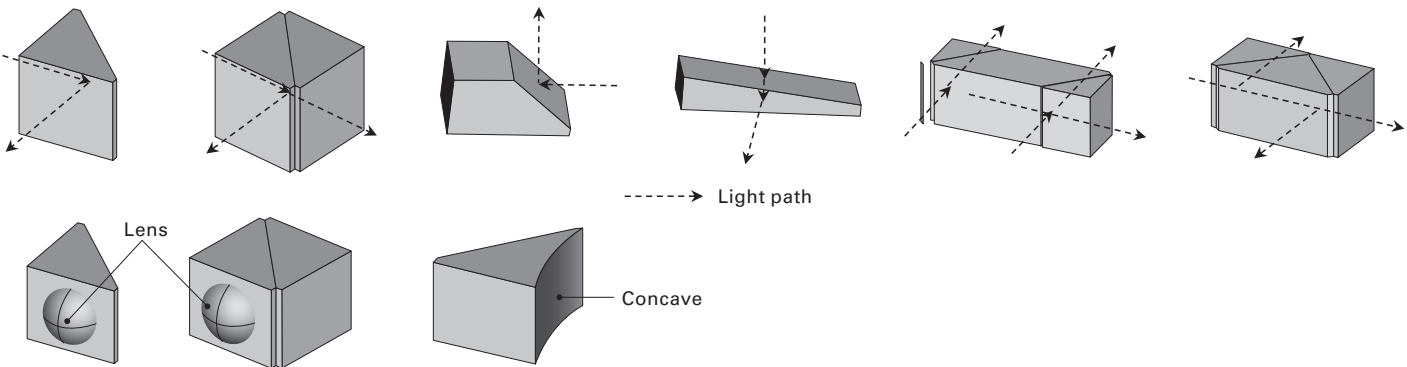
Micro Prism is precision processed from optical glass. It can be used in various fields such as optical communications, sensing, and medical applications. It is possible to apply various coatings such as AR coating and high-reflection films to the surface. Additionally, customization options include bonding prisms to create beam splitters and shaping lens shapes on the surface.



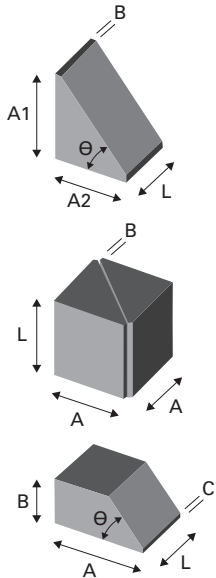
Features

- Rich variety of shapes
- Micro size (minimum 0.2mm)
- Compatibility with various coatings (AR, HR, TAP, PBS, light shielding, metallization, solder coating , etc.)

Various Shapes



Dimensions (example)



(Unit:mm)

No.	A1	A2	B	Θ [°]	L
IT02	0.20	0	0	45	0.2 ⁻
IT03	0.30	0	0		
IT05	0.48	0.03			
IT07	0.65	0.05			
IT09	0.84	0.06			
IT10	0.95	0.05			
IT12	1.12	0.08			
IT15	1.40	0.10			
IT20	1.90	0.10			

(Unit:mm)

No.	A	B	L
BS09	0.84	0.06	0.5 ⁻
BS10	0.95	0.05	
BS12	1.12	0.08	
BS15	1.40	0.10	

(Unit:mm)

No.	A	B	C	Θ [°]	L
TRA_M	0.68	0.30	0.04	45	0.2 ⁻

Glass Material

Glass code	MK-07 (equivalent to BK-7)	XC-1
Refractive index (n_d)	1.51	1.81

Other dimensions are available upon request.

Tolerance

A, A1, A	± 0.03
L	± 0.05
Θ	± 0.3°