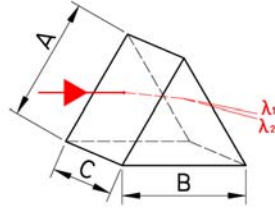


Dispersing Prism



Dispersing Prisms are used to separate a white light beam into its component colors. Generally, the light is first collimated and dispersed by the prism. A spectrum is then formed at the focal plane of a lens or curved mirror.

In laser work, dispersing prisms are used to separate two wavelengths following the same beam path. Typically, the dispersed beams are permitted to travel far enough so the beams separate spatially.

Specifications:

Material.....BK7 glass,UV Fused Silica,SF11 glass

Dimension Tolerance.....+0.0, -0.2mm

Clear Aperture.....>80%

Surface Quality.....60-40

Flatness..... $\lambda/2@632.8\text{nm}$

Angle Tolerance..... $\pm 3'$

Bevel..... $<0.25\text{mm} \times 45^\circ$

P/N	A	B	C	Material
21001	5.00	5.00	5.00	BK7
21002	10.00	10.00	10.00	BK7
21003	15.00	15.00	15.00	BK7
21004	20.00	20.00	20.00	BK7
21005	25.00	25.00	25.00	BK7
21006	5.00	5.00	5.00	UVFS
21007	10.00	10.00	10.00	UVFS
21008	15.00	15.00	15.00	UVFS
21009	20.00	20.00	20.00	UVFS
21010	25.00	25.00	25.00	UVFS
21011	5.00	5.00	5.00	SF11
21012	10.00	10.00	10.00	SF11
21013	15.00	15.00	15.00	SF11
21014	20.00	20.00	20.00	SF11
21015	25.00	25.00	25.00	SF11

●Dimension unit:mm

●Other sizes,materials and coatings are available upon request.