

Achromatic Prism AP-45N (2/PK)

Don't drop and apply excessive shock to the product as failure to heed this instruction will result in damage.

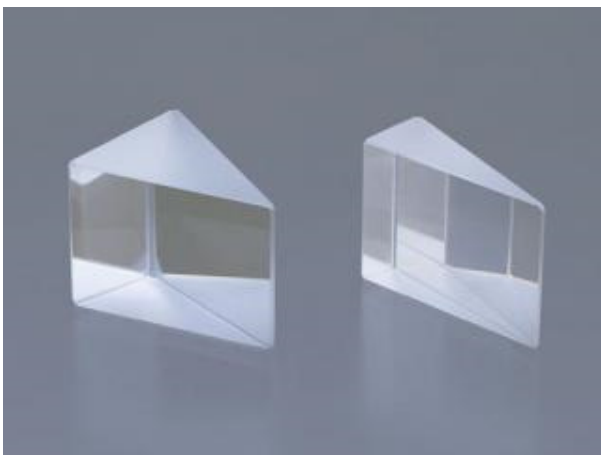
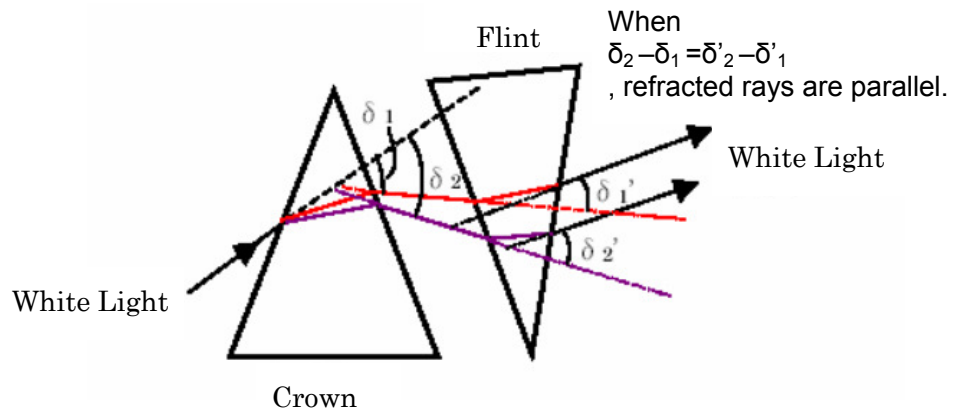
When white light enters a prism, the angle of the refracted rays coming out of the prism depends on the light wavelength (i.e. the light color) causing the dispersion of light. The achromatic prism is the combination of two prisms with appropriate material and apex angle so as to avoid the dispersion of light.

The refracted rays dispersed by the 1st prism are dispersed again to the opposite angle. This is why the refracted rays coming out of the 2nd prism become white light after being balanced out one another.

As the pair of two prisms of 20° (Flint glass, F₂ BK7) and 40° (Crown glass, BK7), chromatic aberration of the transmitted light from the 40° prism can be completely eliminated.

[Specifications]

- Material: Optical Glass
- Size: Height 45mm



NARIKA Corporation

5-3-10, Sotokanda, Chiyoda-ku, Tokyo, Japan
 TEL : 03-3833-0741 FAX : 03-3833-1725
<http://www.rika.com>