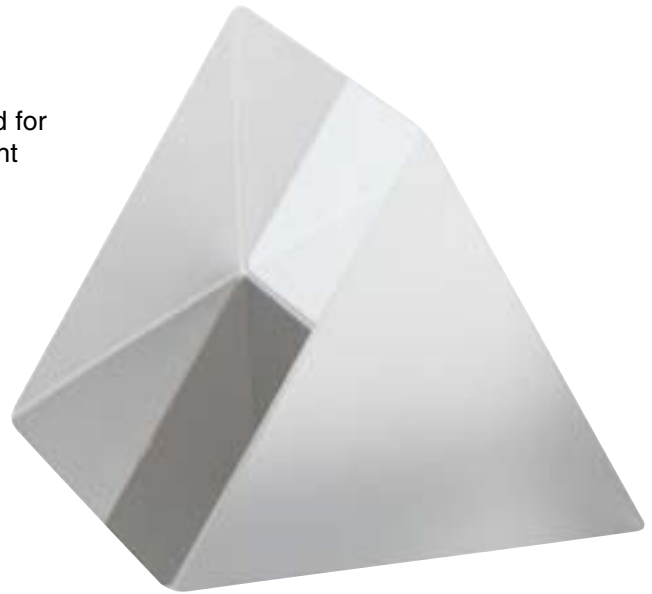


- Spherical Lenses
- Cylindrical Lenses
- Lens Kits
- Achromatic Doublets
- Multi-Element
- Micro Optics
- Mirrors
- Prisms**
- Substrates & Windows
- Beamsplitters
- Polarizers
- Filter & Apertures

Equilateral Prisms

Equilateral prisms are normally used for the dispersion of light into its different colors. Light incident at an oblique angle to the first face is dispersed according to its wavelength and emerges as a spectrum from the opposite face. We offer these prisms made from BK7 optical glass.

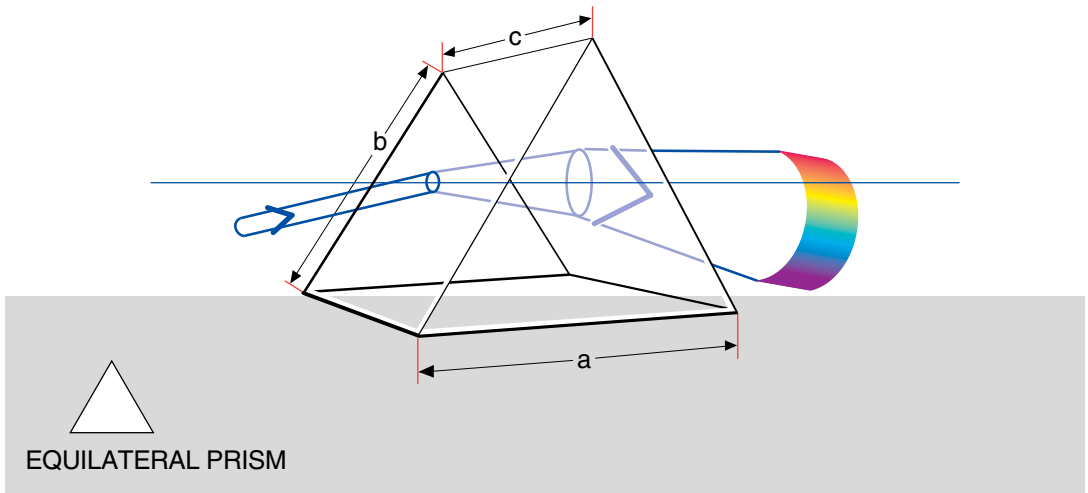


Let us know if you need different types of prisms which are not listed in this catalog. We have considerable experience in manufacturing a wide variety of prisms in other materials and to other levels of precision. We will consider requests for other types of prisms if we know your specifications.

Specifications & Tolerances

Dimensions: $\pm 0.2\text{mm}$
 Surface flatness: $\lambda/10$ @ 633nm
 Surface quality: 20-10
 Coatings: on faces

Angular deviation: 3arcmin
 Bevel: $\pm 0.3\text{mm}$ typical
 Material: BK7
 Dispersion: $\Delta N = 0.01735$



Equilateral Prisms

Sides, $a=b=c$ (mm)	Material	Price	PART NUMBER
20	BK7		056-0120
25	BK7		056-0130
30	BK7		056-0140

Call if you need other sizes.

ORDERING
&
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