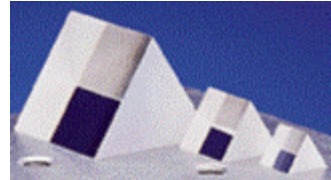


Equilateral Dispersion Prisms

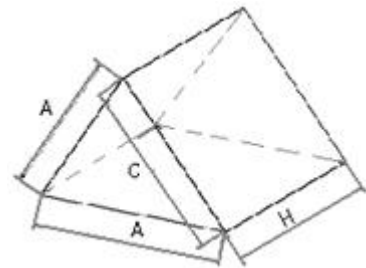
Equilateral prisms are used as dispersing elements in instruments and experiments requiring wavelength separation. They provide better brightness than diffraction gratings. They also have greater power handling capabilities and avoid possible confusion when trying to interpret overlapping spectral orders.



Equilateral Dispersion Prisms

Specifications:

- Material: **BK7 Glass, UV Fused Silica, SF-14 Glass**
- Dimension Tolerance: +0.0/-0.2mm
- Clear Aperture: >80%
- Angle: $\alpha = 60^\circ \pm 3$ arc min
- Flatness: $\lambda/2$ @632.8nm
- Surface Quality: 60/40 up to 20/10
- Bevel: 0.2mm to 0.5mm



Size(mm)	Part No.		
	BK7 Glass	UV Fused Silica	SF-14 Glass
A=H=15	DPP0101	DPP0201	DPP0301
A=H=20	DPP0102	DPP0202	DPP0302
A=H=25	DPP0103	DPP0203	DPP0303