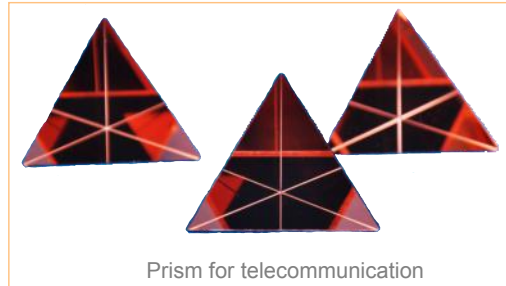
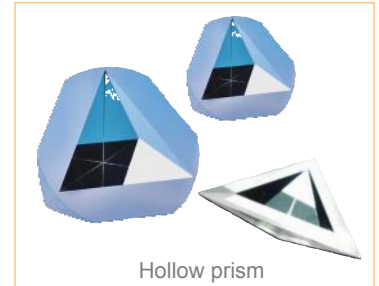




Standard CCR



Prism for telecommunication



Hollow prism

## Specifications

<b>Materials</b>	N-BK7, UV fused silica, Silicon
<b>Diameter</b>	2 mm - 160 mm
<b>Height</b>	3 mm - 100 mm
<b>180° beam deviation</b>	+/- 8" to +/-2"
<b>Clear aperture</b>	> 85 %
<b>Surface quality</b>	60/40 scratch/dig (40/20 on request)
<b>Flatness</b>	$\lambda/8$
<b>Coatings as option</b>	AR on entrance surface and HR on reflecting surfaces

## General

- High precision 180° light reflection, regardless orientation of the prism
- Wavelength range 350 - 1550 nm
- AR and HR coatings on request

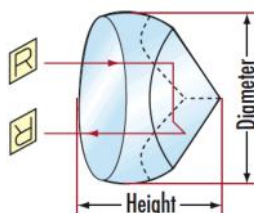
A CCR prism is a tetrahedral construction, producing three total internal reflections. Any incident laser beam is reflected onto itself, regardless the prism orientation. The resulting image is inverted and reversed.

## Typical applications

- Interferometry
- Distance / runtime measurement
- Land surveying and signal levelling
- Spectroscopy
- Imaging optics system

## Standard components

For any customized specification, please contact us.



Number	Dia. (mm)	Height (mm)	Deviation
PL.CCR.0101	160	100	+/- 2"
PL.CCR.0201	126	93	+/- 2"
PL.CCR.0301	72.5	52.5	+/- 2"
PL.CCR.0401	70	41	+/- 2"
PL.CCR.1001	48	35	+/- 3"
PL.CCR.1101	39.7	34.9	+/- 3"
PL.CCR.1201	38	28	+/- 3"
PL.CCR.2101	6.3	5	+/- 8"
PL.CCR.2201	5	5.5	+/- 8"
PL.CCR.2301	5	3.5	+/- 8"
PL.CCR.2401	4	3.5	+/- 8"
PL.CCR.2501	2	3	+/- 8"

