



## Specifications

<b>Types</b>	Retroreflectors, penta prism, right angle prism (RAP), mirrors
<b>Materials</b>	N-BK7, UVFS, Silicon
<b>Dimension</b>	3 mm - 10 mm
<b>Dimension tolerance</b>	+/- 0.15 mm
<b>Clear aperture</b>	> 85 %
<b>Surface quality</b>	60/40, 40/20, 20/10 scratch/dig
<b>Flatness</b>	$\lambda/10$ , $\lambda/20$
<b>Coatings</b>	AR, HR (specified by customer)

## General

- Dimensions 3 mm - 10 mm
- Wavelength range 350 - 1550 nm
- AR and HR coatings on request

Precision light deviation in microscope or endoscope systems is often realized with optical components with dimension below 10 mm. PEGASUS is specialized in mini CCR prism, but offers also mini plane optics like mirrors, penta-, roof- or right-angle-prism. Despite the small dimensions, the deviation tolerance below +/- 10 arcsec allows the set-up of high precision measurement systems with minimized space.

## Typical applications

- Endoscopes
- Optical measurement systems
- Optical communication
- Microscopy
- Interferometry
- Industrial automation systems

## Standard components

For any customized specification, please contact us.

Type	Number	Size (mm)
CCR prism	PL.MIP0401	Dia. 5
CCR prism	PL.MIP0501	Dia. 2.9
Penta prism	PL.PTP0103	8 x 8
Roof prism	PL.RFP0103	8 x 8
Mirror	PL.MI0101	2 x 3
RAP	PL.RAP0101	5 x 5

