

## Specifications

<b>Materials</b>	N-BK7 (grade A), UV fused silica
<b>Dimensions</b>	5 x 5 - 50 x 50 mm <sup>2</sup>
<b>Dimension tolerances</b>	+/- 0.1 mm
<b>45° angle tolerance</b>	+/- 3' (+/- 30" on request)
<b>Clear aperture</b>	> 90 %
<b>Surface quality</b>	60/40 scratch/dig (20/10 on request)
<b>Flatness</b>	$\lambda/4$ @ 632.8 nm ( $\lambda/10$ on request)
<b>Coatings as option</b>	VAR (R < 0.25 %) BBAR (R < 0.5 %)

## General

- High precision 90° or 180° light deviation
- Wavelength range 350 - 1550 nm
- AR and HR coatings on request

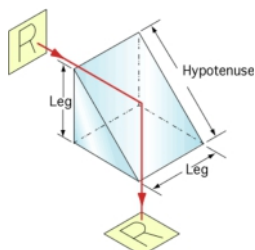
A right angle prism (RAP) can be used either for 90° or for 180° light reflection, depending on which surface is used for incident light.

## Typical applications

- Interferometry
- Alignment
- Land surveying and signal levelling
- Range finding
- Imaging optics system

## Standard components

For any customized specification, please contact us.



Number	Size (mm)	Deviation
PL.RAP.0101	5 x 5	+/- 3'
PL.RAP.0102	5 x 5	+/- 1'
PL.RAP.0103	5 x 5	+/- 30"
PL.RAP.0203	10 x 10	+/- 30"
PL.RAP.0301	12.7 x 12.7	+/- 3'
PL.RAP.0302	12.7 x 12.7	+/- 1'
PL.RAP.0303	12.7 x 12.7	+/- 30"
PL.RAP.0401	25.4 x 25.4	+/- 3'
PL.RAP.0403	25.4 x 25.4	+/- 30"
PL.RAP.0501	50.8 x 50.8	+/- 3'
PL.RAP.0502	50.8 x 50.8	+/- 1'
PL.RAP.0503	50.8 x 50.8	+/- 30"

