

Specifications

Materials	N-BK7 (grade A)
Dimensions	8 x 8 - 20 x 20 mm ²
Dimension tolerances	+/- 0.2 mm
90° beam deviation	+/- 20'' (+/- 2'' on request)
Clear aperture	> 90 %
Surface quality	60/40 scratch/dig (40/20 on request)
Flatness	$\lambda/4$ @ 632.8 nm ($\lambda/10$ on request)
Coatings as option	AR on entrance surface and HR on reflecting surfaces

General

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

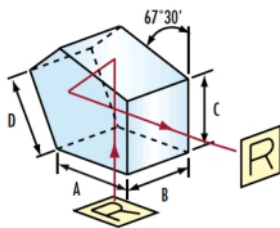
A penta prism deviates the incoming laser beam by 90°, regardless the orientation of the prism. The resulting image is not inverted and not reversed.

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.PP.0101	8 x 8	+/- 20''
PL.PP.0102	8 x 8	+/- 10''
PL.PP.0103	8 x 8	+/- 2''
PL.PP.0201	10 x 10	+/- 20''
PL.PP.0202	10 x 10	+/- 10''
PL.PP.0203	10 x 10	+/- 2''
PL.PP.0301	15 x 15	+/- 20''
PL.PP.0302	15 x 15	+/- 10''
PL.PP.0303	15 x 15	+/- 2''
PL.PP.0401	20 x 20	+/- 20''
PL.PP.0402	20 x 20	+/- 10''
PL.PP.0403	20 x 20	+/- 2''

