

Glan-Laser- (GLP) and Rochon- Polarizing (RP) Prisms

common materials:	calcite, α -barium borate, YVO_4 , MgF_2
extinction ratio:	T_p / T_s up to = 10^{-7}
angular field:	$6^\circ - 8^\circ$
geometry:	GLP with air space between the prisms - suitable for laser applications RP with optical contact

GLP has an escape window in the mounting for the rejected beam and can be used for high power applications. RP is without mounting, both p- and s- polarizations propagate through the prism. p- polarization coincides with the optical axis of the prism. The output angle of the s- polarization is approx. 4° to the p- polarization.

prices (EUR/pc) for standard GLP and RP (1 - 10pcs)

size	wavelength range, coating	GLP	RP
10 x 10 x 62 mm without mounting	120 - 7,000 nm no coating		2,080
clear aperture 10 mm mounting diameter 25.0 mm	210 - 450 nm AR/AR@210 - 450 nm	795	
clear aperture 15 mm mounting diameter 25.0 mm	210 - 450 nm AR/AR@210 - 450 nm	1,110	
clear aperture 10 mm mounting diameter 25.0 mm	350 - 2,300 nm no coating	620	
clear aperture 15 mm mounting diameter 25.0 mm	350 - 2,300 nm no coating	1,040	
clear aperture 10 mm mounting diameter 25.0 mm	500 - 4,000 nm no coating	1,080	
clear aperture 15 mm mounting diameter 25.0 mm	500 - 4,000 nm no coating	1,700	

other sizes and geometries are possible by request