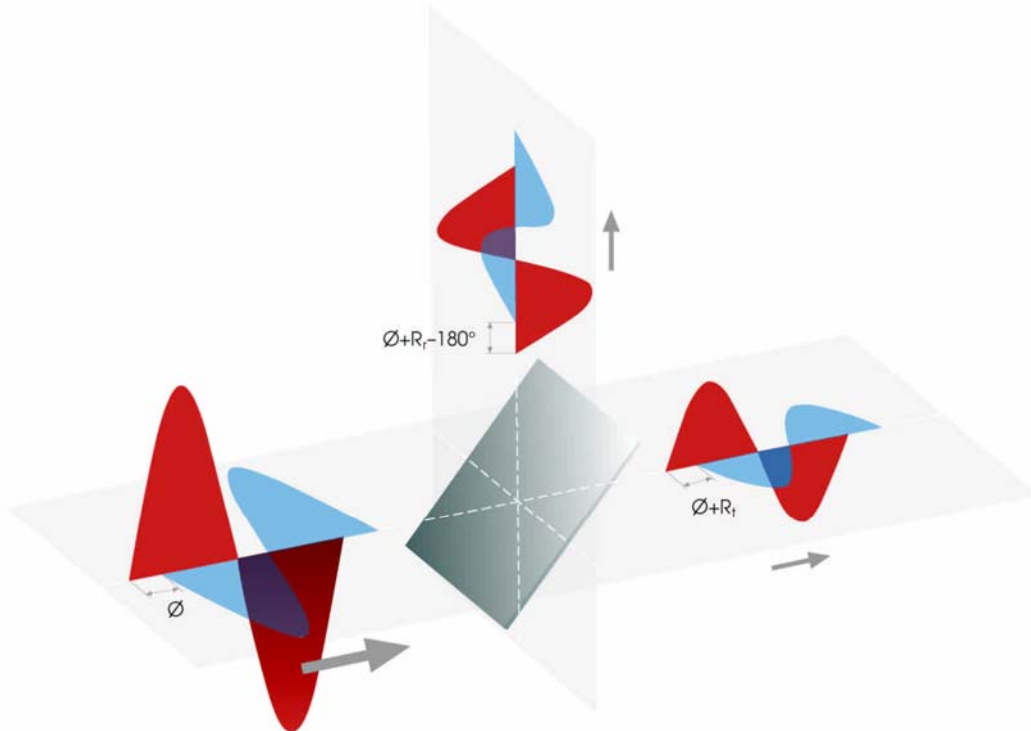


► **Phase and Polarization Controlled Beam Splitter**

NANEO | PPBS is a neutral polarization beam splitter with high accurate phase control. The splitter provides accurate division of intensity and preserves polarisation state. This component is an ideal tool for the precise handling of polarized light and the detection of polarisation changes. The splitter is fully fabricated from dielectric material and does not suffer from absorption losses.



Polarized light incident with phase \varnothing from the left is divided by the 50:50 PPBS into 2 equal light streams with nearly ideal preservation of phase.

► **Specifications**

AOI:	45°	Diattenuation:	Transmission	Reflection
Bandwidth:	20 nm	Retardance:	1.3%	2.0%
			< 1°	2°

General: IBS Coating with low losses, long time stability and environmental resistance

► **Available from stock**

Size: Diameter: 1'
Thickness: 3 mm
Wavelength: 550 ±10 nm

Orientation Losses:

