

μPBS is the world's smallest-class adhesive-free PBS cube. Our original SAB(Surface Activated Bonding) process enables μPBS to be outstandingly resistant to both heating and laser irradiation.

Key features

Small Size

World's smallest-class
Adhesive-free PBS cube

Heating Resistance

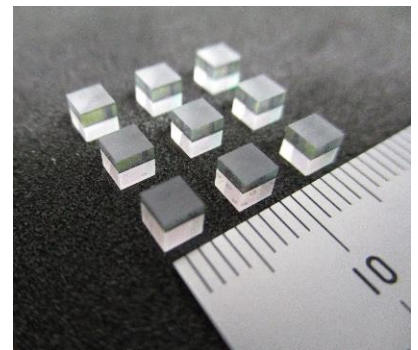
Heating resistance ≥ 300 °C
Autoclave resistance

Laser Resistance

LIDT ≥ 20 J/cm², at 1064nm, 10ns

Common Specifications

Dimensions	0.5-10mm cubes
Wavelength	266-1650nm
P-polarization Transmission	$\geq 99\%$ (370-1650nm) $\geq 98\%$ (266-360nm)
Extinction Ratio	Tp:Ts $\geq 10000:1$



Application Examples

VR, AR, HMD, Laser resonator, Optical isolator,
Optical attenuator, In-vehicle optics