



GLASS COMPONENTS

- Singlet lens
- Cemented Lens
- Cylindrical lens
- Optical Prisms
- Optical flats
- Beam Splitters

Broadband Non-Polarizing Cube Beamsplitters

Dimension	10mm, 12.7mm, 25.4mm or customer design
Scratch & Dig	60/40~40/20
Flatness	$\lambda/4$
Beam Deviation	<3 arc min
Material	N-BK7 equivalent
Wavelength	400-700nm, 700-1100nm, 1100-1600nm
Coating	$T_p=T_s=46\%\pm5\%$ ,
	absorption<10%
	$ T_p-T_s <10\%,  R_p-R_s <10\%$

Broadband Non-Polarizing Cube Beamsplitters consist of a pair of precision high tolerance right angle prisms cemented together with a metallic dielectric coating on the hypotenuse of one of the prisms. The low polarization dependence of the metallic dielectric hybrid coating allows the transmission and reflection of S- and P-polarization states to be within 10% of each other.

