

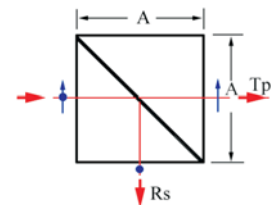
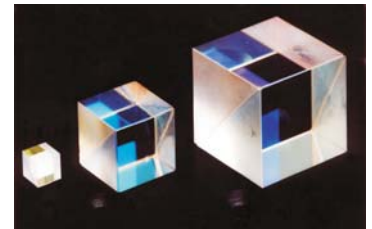
High Power Polarization Cube BeamSplitter

High Power PBS

High Damage Threshold: -----15J/cm²@1064nm 20ns, 20Hz for Narrowband
10J/cm²@1064nm 20ns, 20Hz for Broadband

Specification

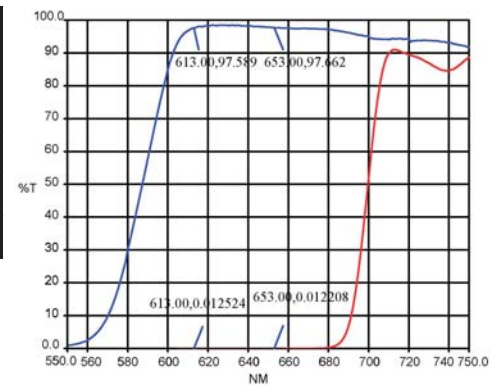
Dimension Tolerance: ----- 0.2mm
Flatness: -----λ/4@632.8nm
Surface Quality: ----- 60-40 scratch and dig
Beam Deviation: -----<3 arc minutes
Extinction Ratio: -----TP : TS > 1000:1
Principal Transmittance: ----- Tp>90% for Broadband *
Tp>95% for Narrowband
Principal Reflectance: -----Rs>99.5%
Coating: Hypotenuse Face: ----- Polarization Beamsplitter Coating
All Input and Output Faces: -----AR Coating
* Principal Transmittance for 450~680nm: -----Tp_avg>90% (Broadband)



Narrowband

Material: ----- N-BK7 or H-K9L Grade A optical glass
Standard wavelength: ----- 532, 633, 1064 nm (other wavelength is available upon request)

Size(mm)	Part No.	Unit Price
3.2x3.2x3.2	PBS1401	\$85
5x5x5	PBS1402	\$85
10x10x10	PBS1403	\$160
12.7x12.7x12.7	PBS1404	\$200
15x15x15	PBS1405	\$280



PBS@633 20nm, Tp>96%, Tp:Ts>3000:1

Broadband

Material: ----- N-SF₂ or H-ZF₁ optical glass

* Material for PBS(450-650nm) is H-ZF₂ (N-SF₅)

Coating wavelength: 450-650, 650-850, 900-1200 nm (other wavelength is available upon request)

Size(mm)	Part No.	Unit Price
3.2x3.2x3.2	PBS5401	\$95
5x5x5	PBS5402	\$95
10x10x10	PBS5403	\$180
12.7x12.7x12.7	PBS5404	\$220
15x15x15	PBS5405	\$300

Ordering Information

Part No. - Wavelength

For Example, PBS1401 - 1064nm, It is for High Power PBS 5x5x5mm, 1064nm narrowband coating