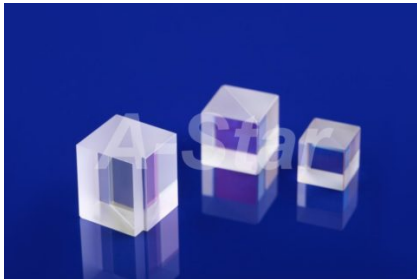




High Extinction PBS



Beam splitters are optical components used to split input light into two separate parts. Beamsplitters are common components in laser or illumination systems.

High Extinction PBS

TP : TS > 1000:1 for Broad Band

TP : TS > 3000:1 for Narrow Band

Specifications:

Attribute	Specification
Dimension Tolerance:	±0.2mm
Flatness:	λ/4 @ 632.8 nm
Surface Quality:	60/40 Scratch/Dig
Beam Deviation:	<3 arc minutes
Extinction Ratio:	TP : TS > 1000:1 for Broadband TP : TS > 3000:1 for Narrowband
Principal Transmittance:	Tp>90% (RP<0.1%) for Broadband Tp>96% (RP<1.5%) for Narrowband
Principal Reflectance:	Rs>99%
Coatings:	Polarization beamsplitter coating on hypotenuse face, AR-coatings on all input and output face.

Narrow Band

Material: ----- N-BK7 or H-K9L Grade A optical glass

Standard wavelength: ----- 532, 633, 980, 1064 nm (other wavelength is available upon request)

Standard Products:

Size(mm)	Part No.	Unit Price
3.2×3.2×3.2	PBS1301	\$89.0
5×5×5	PBS1302	\$89.0
10×10×10	PBS1303	\$99.0
12.7×12.7×12.7	PBS1304	\$99.0
15×15×15	PBS1305	\$119.0
20×20×20	PBS1306	\$139.0
25.4×25.4×25.4	PBS1307	\$149.0

Broad Band

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

Coating wavelength: ----- 450-680, 650-850, 900-1200 (other wavelength is available upon request)

Standard Products:

Size(mm)	Part No.	Unit Price
3.2×3.2×3.2	PBS5301	\$109.0
5×5×5	PBS5302	\$109.0
10×10×10	PBS5303	\$129.0
12.7×12.7×12.7	PBS5304	\$129.0
15×15×15	PBS5305	\$149.0
20×20×20	PBS5306	\$159.0
25.4×25.4×25.4	PBS5307	\$169.0

Ordering Information

Part No. - Wavelength

For Example, PBS5301 - 900-1200nm

High Extinction PBS 3.2×3.2×3.2mm, 900-1200nm broadband coating

Contact Info

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