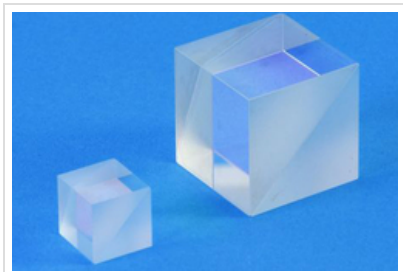




Beamsplitter Cubes

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Please select Beamsplitter Options

Series:

Name:

Price: 148.00

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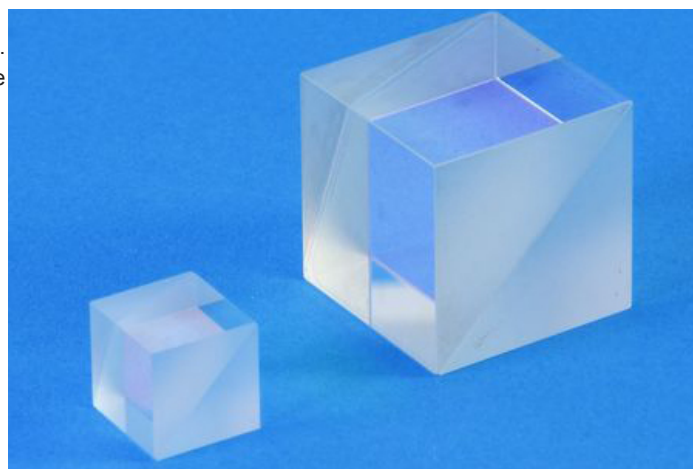
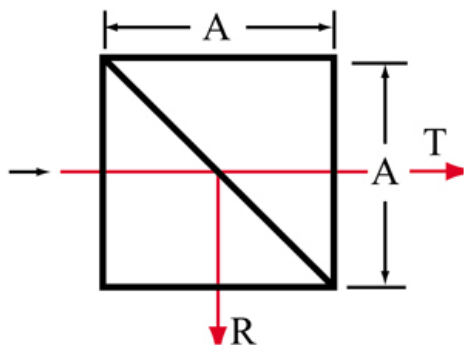
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Description

Polarization Beamsplitter Cubes

These beamsplitters are based upon using two complementary prisms. The output beam that is parallel to the input beam is *p-polarized*, while the orthogonal output beam is *s-polarized*.



Specifications

Material: BK-7 grade A optical glass
Dimension Range: 3.2mm to 50.8mm
Dimensional Tolerance: ± 0.2 mm
Angular Tolerance: ± 3 arc minutes
Surface Quality/Scratch & Dig: 60/40
Beam Deviation: 3 arc minutes
Extinction ratio: $> 100:1$
Principal transmittance: $T_p > 95\%$ and $T_s < 1\%$
Principal reflectance: $R_s > 99\%$ and $R_p < 5\%$
Wavelength range: 226nm to 2300nm
Polarization beamsplitter coating: On hypotenuse
AR coating: $R < 0.25\%$ per face for 4 faces

Pricing and ordering info

Model	Narrow Broad	Size mm	Price \$
BSPN1-5-X	N	5x5x5	148
BSPN1-10-X	N	10x10x10	148
BSPN1-15-X	N	15x15x15	185
BSPN1-20-X	N	20x20x20	209
BSPB1-10-Y	B	10x10x10	160
BSPB1-15-Y	B	15x15x15	190
BSPB1-20-Y	B	20x20x20	203

X = Narrow Band Wavelengths: 488, 514, 633, 780, 850, 1064, 1300, 1550 nm, Y = Broad Band Ranges(nm): 1=450-680, 2=650-850, 3=900-1200, 4=1200-1550

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The above Beamsplitter specifications are general, we would be happy to quote for your specific requirements.

We make custom versions of everything on this site. Send us your drawings or specifications and we will provide a quotation.

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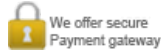
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