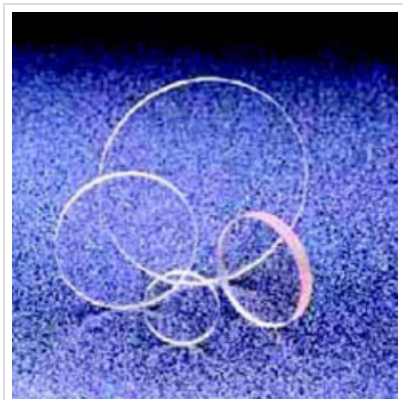


## Beamsplitter Plates

[Order Form](#)



### Please select Beamsplitter Options

Series:

Name:

Price: 133.00

ADD TO CART

Next Day Shipping Available For Most Wavelengths

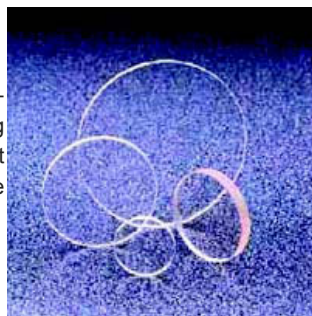
Discounts Offered On Volume Order Of 10 Pieces Or More

### Description

#### Non-polarizing Beamsplitter Plates

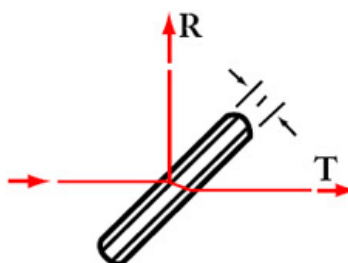
Non-polarizing Beamsplitter plates are primarily used to split or re-combine a beam of light, especially in high power lasers. When using Non-polarizing beamsplitter plates the two partial beams travel different optical paths. The optical paths depend on the incident angle and the thickness of the plates. The beam can be shifted.

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#### Specifications

<b>Material:</b> BK-7 grade A optical glass
<b>Diameter Range:</b> 10mm to 50.8mm
<b>Dimensional Tolerance:</b> ±0.2mm
<b>Thickness Tolerance:</b> ±0.2mm
<b>Flatness:</b> λ/4 @632.8nm per 25mm
<b>Surface Quality/Scratch &amp; Dig:</b> 60/40
<b>Parallelism:</b> 1 arc minute
<b>T/R:</b> 50/50 ±5% for random polarization T=(Ts + Tp), R=(Rs + Rp)/2
<b>Coatings: surface 1&amp;2:</b> (incidence angle: 45°)
<b>S1:</b> Single wavelength partial reflectance
<b>S2:</b> "V" AR-coatings



#### Pricing and ordering info

Model	Narrow Broad	Size mm	Shape RND/SQ	Price \$
BSNN1-12.7S-X	N	12.7x12.7x3	SQ	56
BSNN1-25.4S-X	N	25.4x25.4x3	SQ	78
BSNN1-25.4R-X	N	25.4x3	RND	78
BSNN1-50.8S-X	N	50.8x50.8x3	SQ	129
BSNB1-12.7S-Y	B	12.7x12.7x3	SQ	67
BSNB1-25.4S-Y	B	25.4x25.4x3	SQ	83

BSNB1-25.4R-Y	B	25.4x3	RND	83
BSNB1-50.8S-Y	B	50.8x50.8x3	SQ	133

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

***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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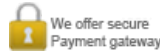
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