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TECHSPEC[®]

12.5mm Dia 20R/80T, VIS Plate Beamsplitter



Visible and NIR Plate Beamsplitters

Stock **#68-363** 20+ In Stock

-

1

+

C\$179²⁰

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Volume Pricing	
Qty 1-5	C\$179.20 each
Qty 6-25	C\$142.80 each
Qty 26-99	C\$129.50 each
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Product Downloads

General

Note:

Beamsplitter-coated side is marked with a black dot

Type:

Standard Beamsplitter

Physical & Mechanical Properties

Clear Aperture (%):

>85

Plate	Construction:
12.50	Diameter (mm):
Cut with 0.25mm maximum edge chip	Edges:
≤3	Parallelism (arcmin):
3.00 ±0.25	Thickness (mm):

Optical Properties	
45	Angle of Incidence (°):
Coating Specification: Surface 1: 20/80 ±5% @ 550nm, ±10% @ 400 - 700nm Surface 2: AR R _{avg} ≤1%, R _{abs} ≤2% @ 400 - 700nm	
20/80	Reflection/Transmission Ratio (R/T):
N-BK7	Substrate: □
1λper inch	Surface Flatness (P-V):
60-40	Surface Quality:
400 - 700	Wavelength Range (nm):

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

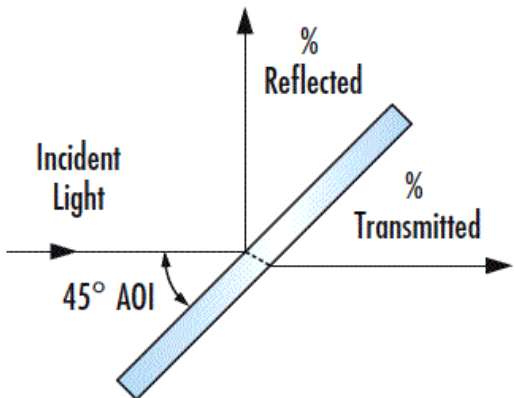
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Many Beamsplitting Ratios Available
- Visible and NIR Coating Options Offered
- Multi-Layer AR Coated Second Surface
- [C-Mounted Plate Beamsplitters](#) Also Available

TECHSPEC® Visible and NIR Plate Beamsplitters are ideal for dual magnification [imaging](#) systems and for combining low power [laser](#) beams. These beamsplitters offer the optimum combination of polished, high-quality optical-grade glass with minimum substrate thickness. The broadband dielectric coatings provide maximum throughput, are ideal for minimizing ghost images, and have much less energy loss than metallic coatings. TECHSPEC® Visible and NIR Plate Beamsplitters are coated on their back surfaces with a multi-layer anti-reflection (AR) coating, reducing back reflections to less than 1.0% for each wavelength range. Note that for easy identification, the coated side of the beamsplitter is marked with a black dot.

Technical Information





Compatible Mounts

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