

12.5 x 17.5mm, 50R/50T, Plate Beamsplitter



Stock **#45-316** 20+ In Stock

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1

+

£43^{.60}

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Volume Pricing	
Qty 1-9	£43.60 each
Qty 10-24	£29.60 each
Qty 25-49	£28.60 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Standard Beamsplitter

Type:

Physical & Mechanical Properties

>85

Clear Aperture (%):

Plate

Construction:

±0.38	Dimensional Tolerance (mm):
12.5 x 17.5	Dimensions (mm):
Cut	Edges:
1.00	Thickness (mm):

Optical Properties	
Coating Specification: Surface 1: Dielectric, ±5% R/T @ 550nm Surface 2: AR ¼λ MgF ₂ @ 550nm	
50/50	Reflection/Transmission Ratio (R/T):
Float Glass	Substrate: □
4 - 6λ	Surface Flatness (P-V):
80-50	Surface Quality:
400 - 700	Wavelength Range (nm):

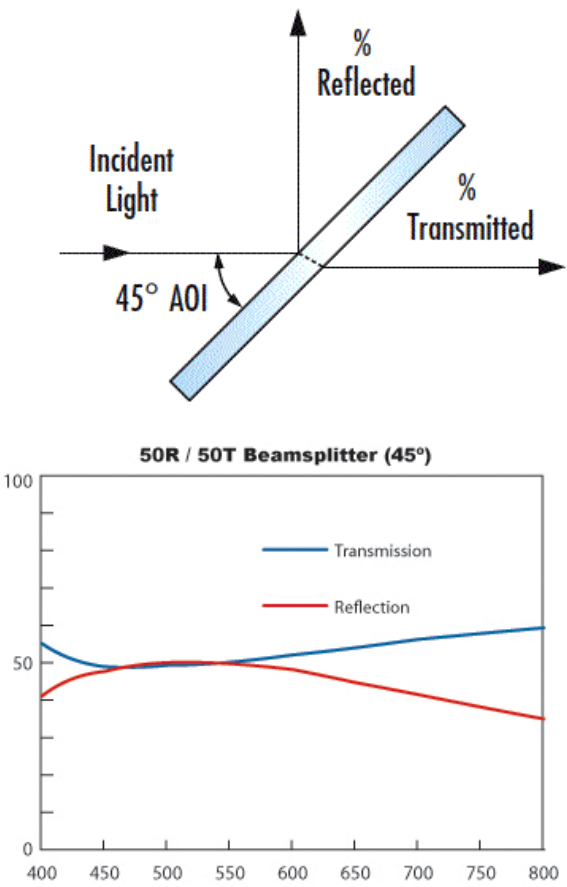
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

- Low-Cost Design
- Multiple Sizes Available
- Many Beamsplitting Ratios Available

Plate Beamsplitters are available in multiple Reflect/Transmission ratios to meet a wide variety of application needs. These beamsplitters are also offered with an anti-reflection (AR) coating on the second surface to enhance each beamsplitter’s overall efficiency. This second coating aides in preventing unwanted ghost reflections. Plate Beamsplitters are a cost-efficient option to integrate into multiple applications. For custom sizes or alternate reflection/transmission ratios, please contact our [Sales Department](#).

Technical Information



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](#).

Compatible Mounts
