

## 12.5mm Diameter, 30R/70T, Plate Beamsplitter



Stock **#45-312** 20+ In Stock

-

1

+

£43<sup>.60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | £43.60 each                   |
| Qty 10-24      | £29.60 each                   |
| Qty 25-49      | £28.60 each                   |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Standard Beamsplitter

Type:

Physical & Mechanical Properties

>85

Clear Aperture (%):

Plate

Construction:

|       |                             |
|-------|-----------------------------|
| 12.50 | Diameter (mm):              |
| ±0.38 | Dimensional Tolerance (mm): |
| Cut   | Edges:                      |
| 1.00  | Thickness (mm):             |

|                                                                                                               |                                      |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Optical Properties                                                                                            |                                      |
| Coating Specification:<br>Surface 1: Dielectric, ±5% R/T @ 550nm<br>Surface 2: AR ¼λ MgF <sub>2</sub> @ 550nm |                                      |
| 30/70                                                                                                         | Reflection/Transmission Ratio (R/T): |
| Float Glass                                                                                                   | Substrate: □                         |
| 4 - 6λ                                                                                                        | Surface Flatness (P-V):              |
| 80-50                                                                                                         | Surface Quality:                     |
| 400 - 700                                                                                                     | Wavelength Range (nm):               |

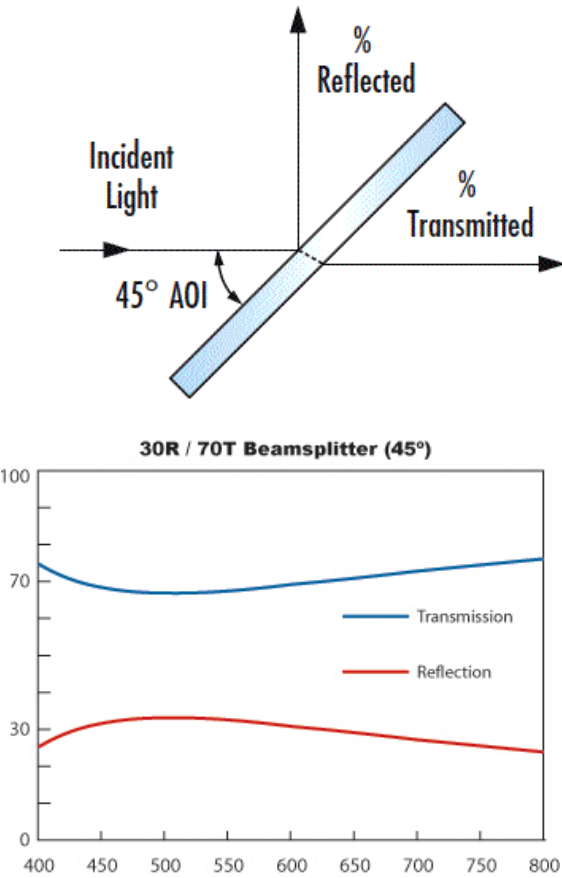
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | 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

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