

# 75 x 75mm, 50R/50T, Plate Beamsplitter



Stock **#46-642** 20+ In Stock

-

1

+

S\$188<sup>.18</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | S\$188.18 each                |
| Qty 10-24      | S\$138.90 each                |
| Qty 25-49      | S\$132.92 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

## SPECIFICATIONS

### General

Type:

Standard Beamsplitter

### Physical & Mechanical Properties

|             |                             |
|-------------|-----------------------------|
| >85         | Clear Aperture (%):         |
| Plate       | Construction:               |
| ±0.38       | Dimensional Tolerance (mm): |
| 75.0 x 75.0 | Dimensions (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 |                                      |
| 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

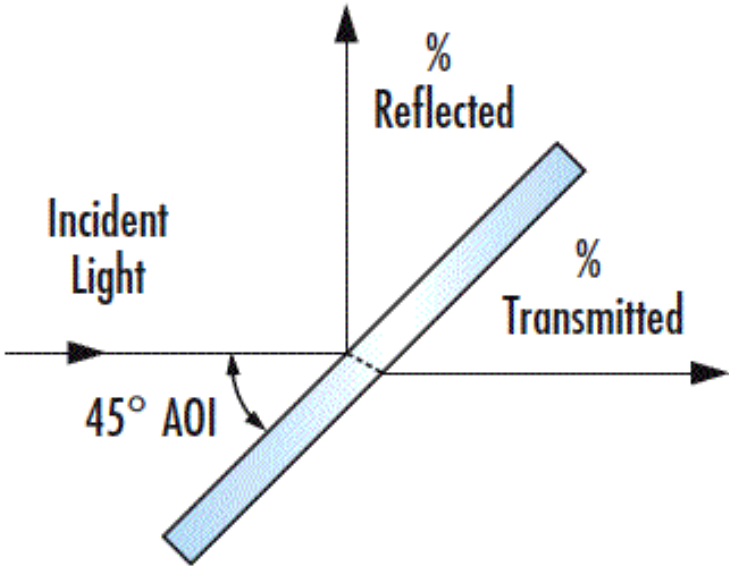
|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | Reach 247:                  |

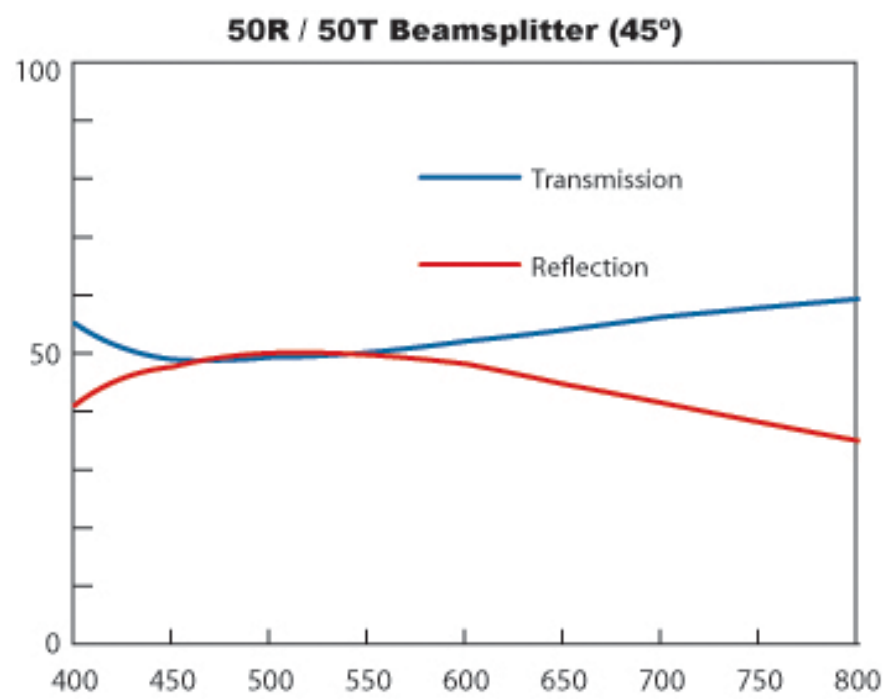
PRODUCT DETAILS

- 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