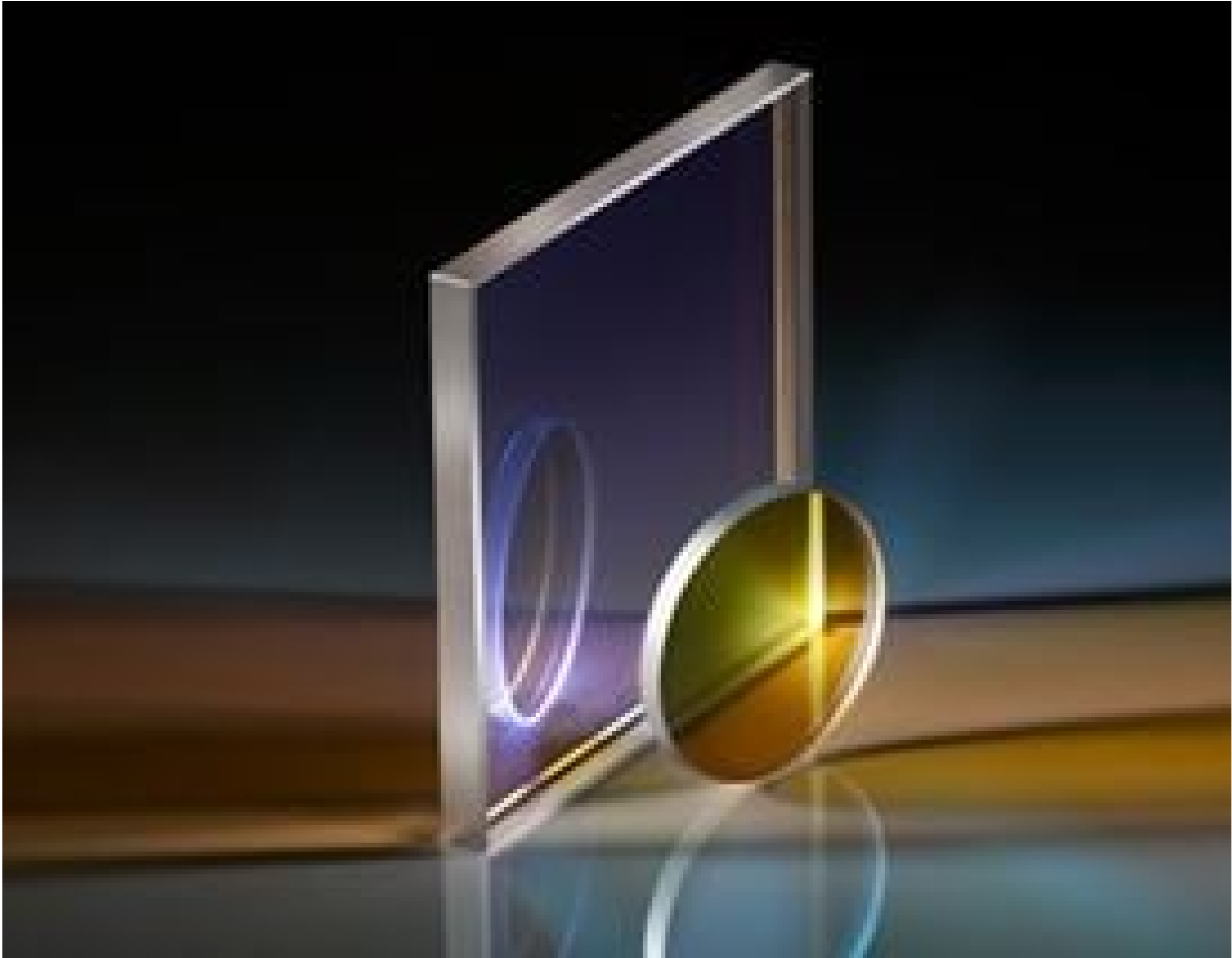


TECHSPEC[®] 50R/50T 25 x 25mm, UV Plate Beamsplitter



TECHSPEC[®] UV Plate Beamsplitters

Stock **#48-191** **1 In Stock**

-

1

+

€152⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€152,00 each
Qty 6-25	€120,00 each
Qty 26-99	€110,00 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Standard Beamsplitter

Type:

Physical & Mechanical Properties

>85

Clear Aperture (%):

Construction:

Plate	
25.0 x 25.0 +0.00/-0.20	Dimensions (mm):
<5	Parallelism (arcmin):
2.00 ±0.38	Thickness (mm):

Optical Properties

45	Angle of Incidence (°):
50/50	Coating Specification: Surface 1: R _{abs} = 50 ±5% @ 350nm, R _{avg} = 50 ±10% over 250 - 450nm T _{abs} =50 ±5% @ 350nm, T _{avg} = 50 ±10% over 250 - 450nm Surface 2: BBAR (R _{avg} <1%, R _{abs} <2% over 250 - 450nm)
	Reflection/Transmission Ratio (R/T):
	Substrate: Fused Silica (Corning 7980)
	Surface Flatness (P-V):
1λ	
60-40	Surface Quality:
250 - 450	Wavelength Range (nm):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

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

- Multiple Transmission/Reflection Ratios Available
- BBAR Coated Second Surface
- Fused Silica Substrate

TECHSPEC® UV Plate Beamsplitters offer optimum performance in the 250-450nm spectral range and feature low absorption and negligible ghost reflections. The precision fused silica substrate has been designed to minimize the additional optical path length a beamsplitter adds to an imaging or photonic system. Available in multiple transmission/reflection ratios, TECHSPEC® UV Plate Beamsplitters are ideal for fluorescence imaging, biomedical and pharmaceutical applications, forensics, and spectroscopy. All coatings are designed for 45° AOI and random polarization.

Compatible Mounts