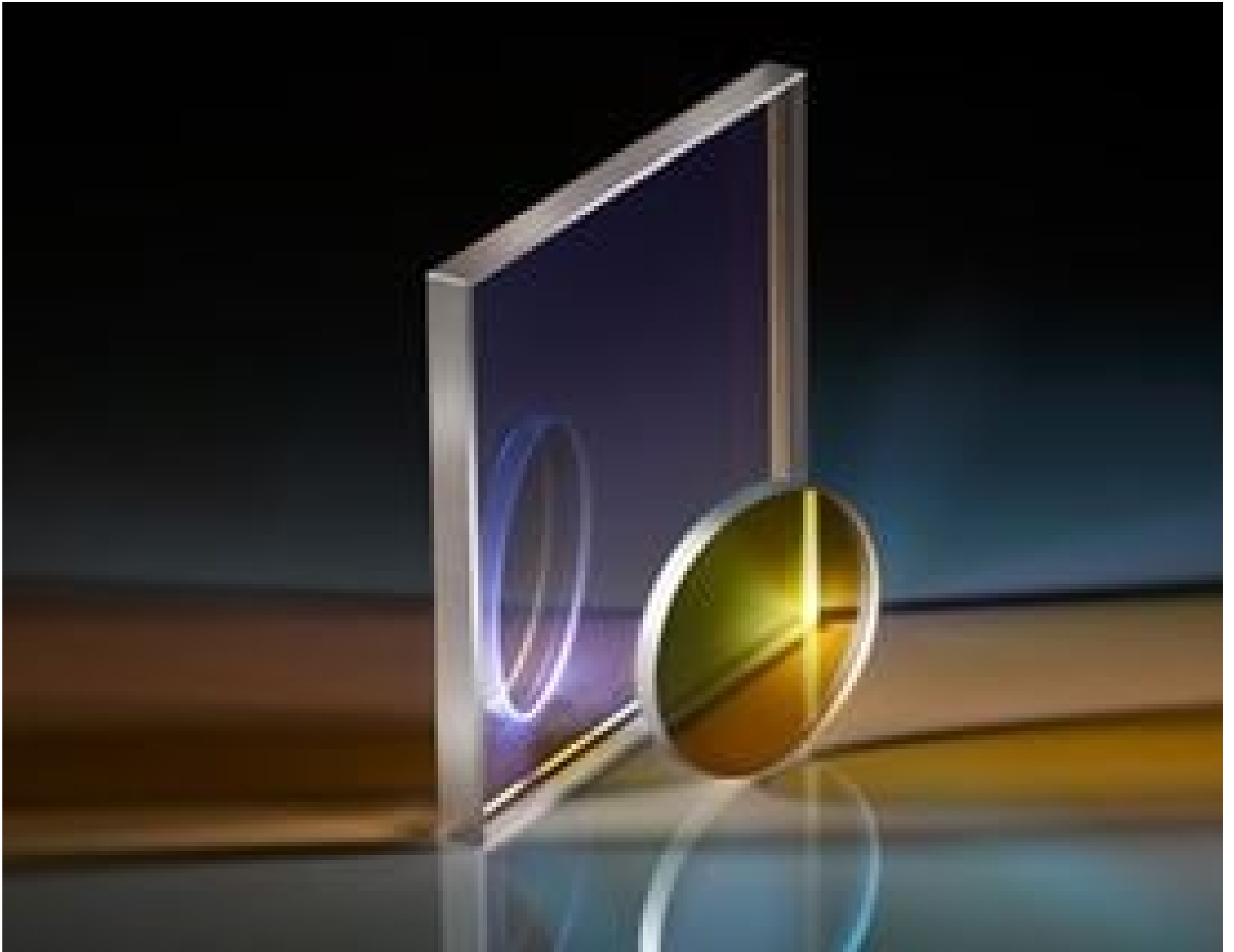


## TECHSPEC® 30R/70T 25 x 25mm, UV Plate Beamsplitter



TECHSPEC® UV Plate Beamsplitters

Stock #48-197 **15 In Stock**

⊖ 1 ⊕ €144<sup>20</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€144,20 each
Qty 6-25	€113,30 each
Qty 26-99	€104,03 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

### SPECIFICATIONS

#### General

Standard Beamsplitter      **Type:**

## Physical & Mechanical Properties

>85 **Clear Aperture (%):**

Plate **Construction:**

25.0 x25.0 +0.00/-0.20 **Dimensions (mm):**

<5 **Parallelism (arcmin):**

2.00 ±0.38 **Thickness (mm):**

## Optical Properties

45 **Angle of Incidence (°):**

**Coating Specification:**  
Surface 1:  $R_{abs} = 30 \pm 5\%$  @ 350nm,  $R_{avg} = 30 \pm 10\%$  over 250 - 450nm  $T_{abs} = 70 \pm 5\%$  @ 350nm,  $T_{avg} = 70 \pm 10\%$  over 250 - 450nm  
Surface 2: BBAR ( $R_{avg} < 1\%$ ,  $R_{abs} < 2\%$  over 250 - 450nm)

30/70 **Reflection/Transmission Ratio (R/T):**

**Substrate:**   
[Fused Silica](#) (Corning 7980)

1λ **Surface Flatness (P-V):**

60-40 **Surface Quality:**

250 - 450 **Wavelength Range (nm):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 235:**

## 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.

## 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