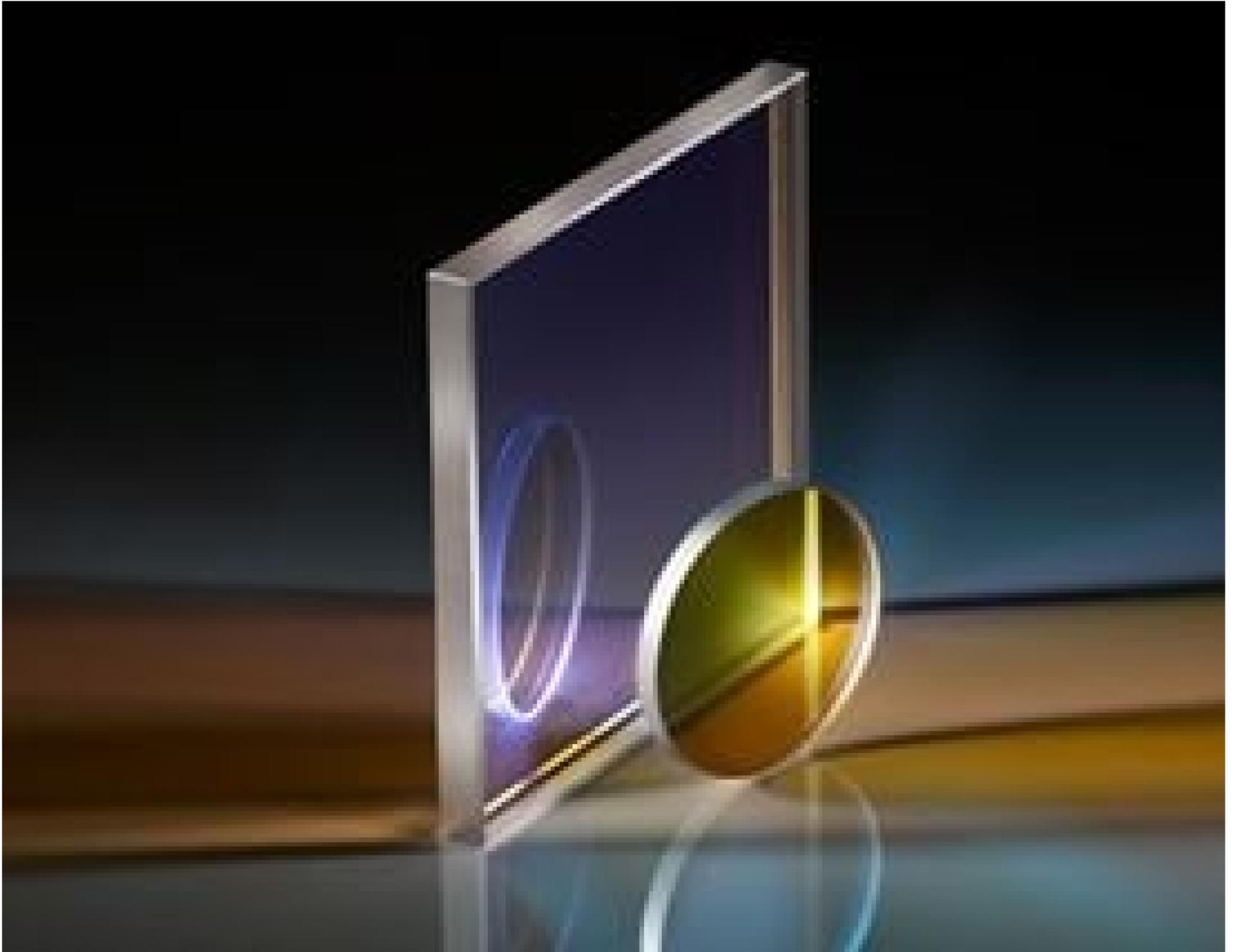


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**TECHSPEC® 50R/50T 12.5mm x 17.5mm, UV Plate Beamsplitter**



TECHSPEC® UV Plate Beamsplitters

Stock **#72-249** **4 In Stock**

⊖ 1 ⊕ £106<sup>40</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	£106.40 each
Qty 6-25	£83.20 each
Qty 26-49	£79.80 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 (%):**

**Construction:**

Plate	
12.50 x 17.50 +0.00/-0.20	<b>Dimensions (mm):</b>
<5	<b>Parallelism (arcmin):</b>
2.00 ±0.38	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
45	<b>Angle of Incidence (°):</b>
<b>Coating Specification:</b>	
Surface 1: $R_{abs} = 50 \pm 5\%$ @ 350nm, $R_{avg} = 50 \pm 10\%$ over 250 - 450nm	
$T_{abs} = 50 \pm 5\%$ @ 350nm, $T_{avg} = 50 \pm 10\%$ over 250 - 450nm	
Surface 2: BBAR ( $R_{avg} < 1\%$ , $R_{abs} < 2\%$ over 250 - 450nm)	
50/50	<b>Reflection/Transmission Ratio (R/T):</b>
<a href="#">Fused Silica</a> (Coming 7980)	<b>Substrate:</b> <input type="checkbox"/>
1λ	<b>Surface Flatness (P-V):</b>
60-40	<b>Surface Quality:</b>
250 - 450	<b>Wavelength Range (nm):</b>

<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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.