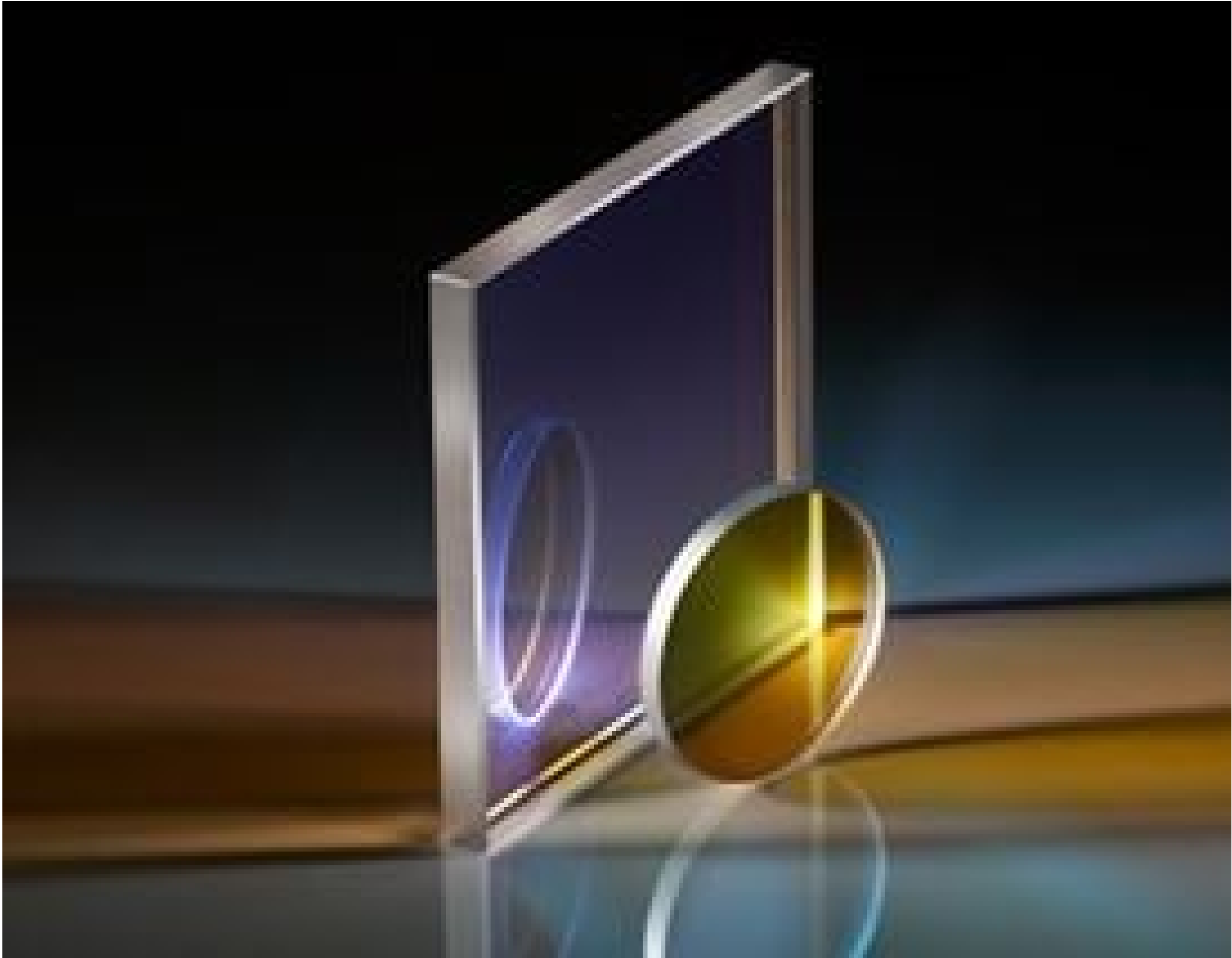


TECHSPEC[®] 70R/30T 30mm Dia., UV Plate Beamsplitter



TECHSPEC[®] UV Plate Beamsplitters

Stock **#84-489** 10 In Stock

-

1

+

€175⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€175,00 each
Qty 6-25	€137,00 each
Qty 26-99	€126,00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Standard Beamsplitter

Type:

Physical & Mechanical Properties

>85

Clear Aperture (%):

Construction:

Plate	
	Diameter (mm):
30.00 +0.00/-0.20	
	Parallelism (arcmin):
<5	
	Thickness (mm):
3.00 ±0.38	

Optical Properties

	Angle of Incidence (°):
45	
	Coating Specification:
Surface 1: R _{abs} = 70 ±5% @ 350nm, R _{avg} = 70 ±10% over 250 - 450nm	
T _{abs} =30 ±5% @ 350nm, T _{avg} = 30 ±10% over 250 - 450nm	
Surface 2: BBAR (R _{avg} <1%, R _{abs} <2% over 250 - 450nm)	
	Reflection/Transmission Ratio (R/T):
70/30	
	Substrate: ☐
Fused Silica (Corning 7980)	
	Surface Flatness (P-V):
1λ	
	Surface Quality:
60-40	
	Wavelength Range (nm):
250 - 450	

Regulatory Compliance

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

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