

TECHSPEC[®] 50R/50T 40mm Dia., UV Plate Beamsplitter



TECHSPEC[®] UV Plate Beamsplitters

Stock **#65-927** 2 In Stock

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1

+

€227⁰⁰

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Volume Pricing	
Qty 1-5	€227,00 each
Qty 6-25	€178,00 each
Qty 26-99	€164,00 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	
40.00 +0.00/-0.20	Diameter (mm):
<5	Parallelism (arcmin):
4.00 ±0.38	Thickness (mm):

Optical Properties	
45	Angle of Incidence (°):
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)	
50/50	Reflection/Transmission Ratio (R/T):
Fused Silica (Corning 7980)	Substrate:
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:

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