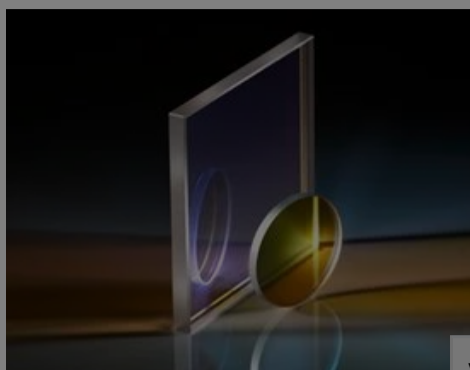


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TECHSPEC® 30R/70



TECHSPEC® UV Plate Beamsplitters

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Select Your Country/Region: European Union

Submit

1

€253^{,00}

ADD TO CART

Volume Pricing

Qty 1-5	€253,00 each
Qty 6-25	€198,00 each
Qty 26-99	€181,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Standard Beamsplitter

Physical & Mechanical Properties

Clear Aperture (%): >85

Construction: Plate

Dimensions (mm): 50.0 x 50.0 +0.00/-0.20

Parallelism (arcmin): <5

Thickness (mm): 4.00 ±0.38

Optical Properties

Angle of Incidence (°): 45

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

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

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**

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Need different specifications or measurements?

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

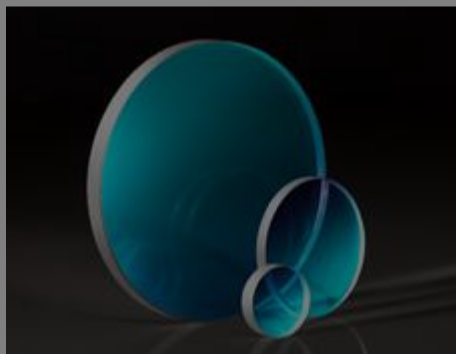
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

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

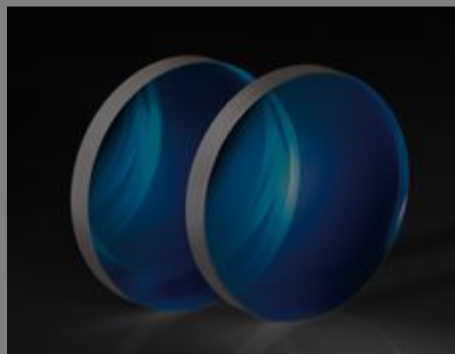
TECHSPEC® UV Plate Beamsplitters offer optimum performance in the 250–450nm spectral range and feature low absorption and negligible ghost reflections. The precision fused silica substrate has been designed to minimize the additional optical path length a beamsplitter adds to an imaging or photonic system. 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.

Frequently Purchased Together



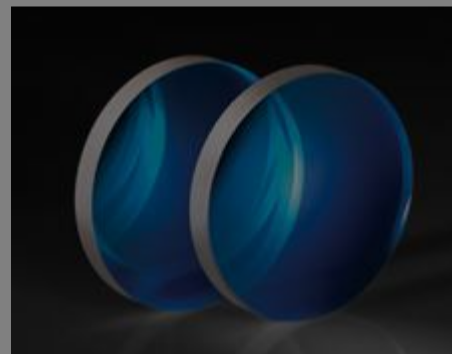
#34-242 - 25mm Dia., Uncoated, 30° Wedge, Fused Silica Wedged Window
€161,00

Qty



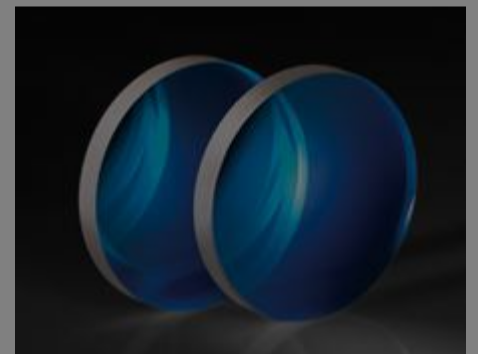
#34-415 - 50mm Diameter 30R/70T, VIS $\lambda/10$ Plate Beamsplitter
€307,00

Qty



#34-416 - 50mm Diameter 50R/50T, VIS $\lambda/10$ Plate Beamsplitter
€307,00

Qty



#34-417 - 50mm Diameter 70R/30T, VIS $\lambda/10$ Plate Beamsplitter
€307,00

Qty

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+	40mm Sq., Fixed Filter Holder	Fixed		#54-997	€93,50 Request Quote	16 In Stock <input type="text"/>
MORE+	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	€126,00 Request Quote	20+ In Stock <input type="text"/>
MORE+	50/50.8mm Sq. Kinematic Mount, 2 Screws	Adjustable - Tip-Tilt		#58-858	€143,00 Request Quote	20+ In Stock <input type="text"/>
MORE+	50/50.8mm Sq. Kinematic Mount, 3 Screws	Adjustable - Tip-Tilt		#58-861	€157,00 Request Quote	20+ In Stock <input type="text"/>

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