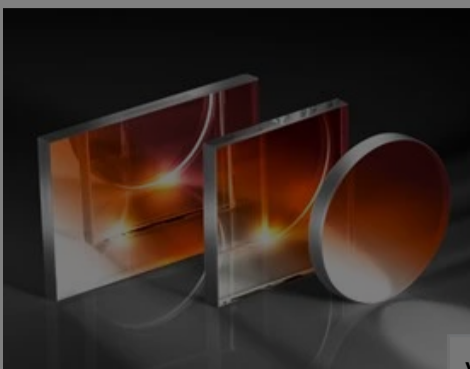


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TECHSPEC® 25 x 25



Visible and NIR Plate Beamsplitters

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Select Your Country/Region: European Union

Submit

1

€188⁰⁰

ADD TO CART

Volume Pricing

Qty 1-5 €188,00 each

Qty 6-25 €147,00 each

Qty 26-99 €135,00 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

Note: Beamsplitter-coated side is marked with a black dot

Type: Standard Beamsplitter

Physical & Mechanical Properties

Clear Aperture (%): >85

Construction: Plate

Dimensions (mm): 25.0 x 25.0 +0.0/-0.25

Edges: Cut with 0.25mm maximum edge chip

Parallelism (arcmin): ≤3

Thickness (mm): 3.00 ±0.25

Optical Properties

Angle of Incidence (°): 45

Coating Specification: Surface 1: 60/40 ±5% @ 900nm, ±10% @ 700 - 1100nm
Surface 2: AR R_{avg} ≤1%, R_{abs} ≤2% @ 700 - 1100nm

Reflection/Transmission Ratio (R/T): 60/40

Substrate: N-BK7

Surface Flatness (P-V): 1λ per inch

Surface Quality: 60-40

Wavelength Range (nm): 700 - 1100

Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 247: **Compliant**

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Need different specs 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

- Many Beamsplitting Ratios Available
- Visible and NIR Coating Options Offered
- Multi-Layer AR Coated Second Surface
- **C-Mounted Plate Beamsplitters** Also Available

TECHSPEC® Visible and NIR Plate Beamsplitters are ideal for dual magnification **imaging** systems and for combining low power **laser** beams. These beamsplitters offer the optimum combination of polished, high-quality optical-grade glass with minimum substrate thickness. The broadband dielectric coatings provide maximum throughput, are ideal for minimizing ghost images, and have much less energy loss than metallic coatings. TECHSPEC® Visible and NIR Plate Beamsplitters are coated on their back surfaces with a multi-layer anti-reflection (AR) coating, reducing back reflections to less than 1.0% for each wavelength range. Note that for easy identification, the coated side of the beamsplitter is marked with a black dot.

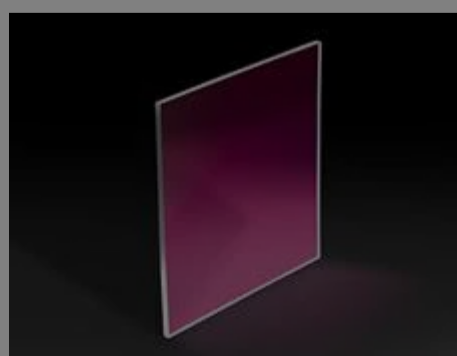
Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	Visible Plate Beamsplitter Kit, 25mm Diameter		#83-388	€540,00 Request Quote	CONTACT US 1
MORE+	Near Infrared Plate Beamsplitter Kit, 25mm Diameter		#83-956	€540,00 Request Quote	1 In Stock 1

Frequently Purchased Together



#83-364 - 30mm Diameter Uncoated, Gorilla Glass® Window
€43,00



#54-302 - Spectralon® White Diffuse Reflectance Standard (99%)
€595,00

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	Title				Buy
	15mm Sq., Fixed Filter Holder	Fixed	#54-996	€67,50 Request Quote	20+ In Stock <input type="text" value="1"/>
	25/25.4mm Sq. Kinematic Mount, 2 Screws	Adjustable - Tip-Tilt	#58-857	€104,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	25mm sq - Rectangular Bar Clamp	Fixed	#54-994	€108,00 Request Quote	8 In Stock <input type="text" value="1"/>
	25/25.4mm Sq. Kinematic Mount, 3 Screws	Adjustable - Tip-Tilt	#58-860	€114,00 Request Quote	16 In Stock <input type="text" value="1"/>
	Filter Kinematic Mount, 2-Screw	Adjustable - Tip-Tilt	#58-874	€122,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	60mm sq - Rectangular Bar Clamp	Fixed	#54-995	€126,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	Filter Kinematic Mount, 3-Screw	Adjustable - Tip-Tilt	#58-875	€138,00 Request Quote	17 In Stock <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- Glossary
- Video
- FAQ

APPLICATION NOTE

An Introduction to Optical Coatings

CASE STUDIES

Laser Optics for Eye Surgery

CASE STUDIES

Using IR Spectroscopy for Counterfeit Drug Detection

GLOSSARY

NIR (Near Infrared)

GLOSSARY

VIS/NIR Coating

APPLICATION NOTE

The Correct Material for Infrared (IR) Applications

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