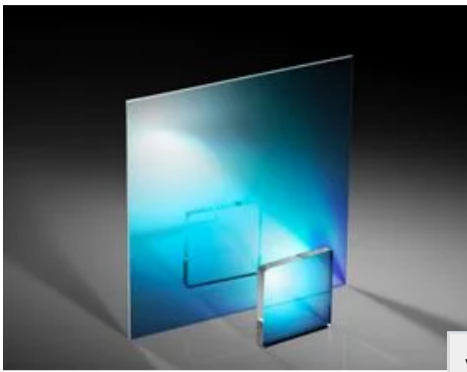


20 x 37mm, 70R/30T, Plate Beamsplitter









Stock #46-700 20+ In Stock

1

A\$90^{.40}

ADD TO CART

Volume Pricing	
Qty 1-9	A\$90.40 each
Qty 10-24	A\$62.40 each
Qty 25-49	A\$60.80 each
Need More?	Request Quote

Product Downloads	
 STEP:step	 PDF Drawing:pdf
 IGES:igs	 eDrawing:eprt
 EO Spec Sheet	 Download All

General

Type: Standard Beamsplitter

Physical & Mechanical Properties

Clear Aperture (%): >85

Construction: Plate

Dimensional Tolerance (mm): ±0.38

Dimensions (mm): 20.0 x 37.0

Edges: Cut

Thickness (mm): 1.00

Optical Properties

Coating Specification: Surface 1: Dielectric, ±5% R/T @ 550nm
Surface 2: Uncoated

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

Substrate:  Float Glass

Surface Flatness (P-V): 4 - 6λ

Surface Quality: 80-50

Wavelength Range (nm): 400 - 700

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

Reach 247: [Compliant](#)

Need different specs or modifications?

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

- Low-Cost Design
- Multiple Sizes Available
- Many Beamsplitting Ratios Available

Plate Beamsplitters are available in multiple Reflect/Transmission ratios to meet a wide variety of application needs. These beamsplitters are also offered with an anti-reflection (AR) coating on the second surface to enhance each beamsplitter's overall efficiency. This second coating aides in preventing unwanted ghost reflections. Plate Beamsplitters are a cost-efficient option to integrate into multiple applications. For custom sizes or alternate reflection/transmission ratios, please contact our [Sales Department](#).

Technical Information

Related Products



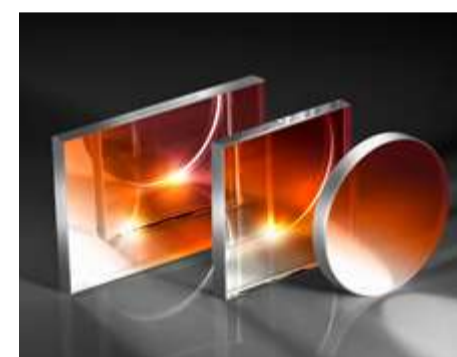
C, S, and T-Mount Cube and Plate Mounts



Fixed Filter Mounts



Pre-Moistened Towelettes



Visible and NIR Plate Beamsplitters

Frequently Purchased Together



#31-413 - 20 x 37mm, 50R/50T, Plate Beamsplitter
A\$90.40

Qty



#31-414 - 18 x 30mm, 50R/50T, Plate Beamsplitter
A\$87.20

Qty



#31-795 - 62 x 147mm FL, Grade 1, Double-Convex Lens
A\$6.32

Qty



#23-077 - 12mm Dia. x 60mm FL, Commercial Grade, Plano-Convex Lens
A\$31.92

Qty

Compatible Mounts

▲	Title ▼	Type ▼	Compare	Stock Number ▼	Price □	Buy
---	---------	--------	---------	----------------	---------	-----

MORE+



15mm Sq., Fixed Filter Holder

Fixed







#54-996

A\$108.00
[Request Quote](#)

20+ In Stock

1



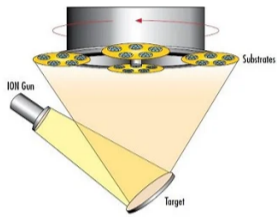
	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	Filter Kinematic Mount, 2-Screw	Adjustable - Tip-Tilt		#58-874	A\$195.20 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	A\$201.60 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	Filter Kinematic Mount, 3-Screw	Adjustable - Tip-Tilt		#58-875	A\$220.80 Request Quote	15 In Stock <input type="text" value="1"/> 

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

Resources

Media Type


- Application Note
- Video
- FAQ
- Glossary




APPLICATION NOTE
An Introduction to Optical Coatings



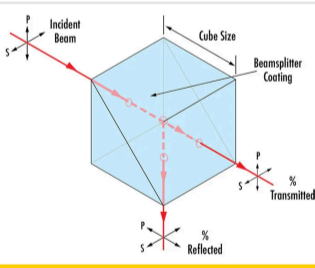
CASE STUDIES
Laser Optics for Eye Surgery



CASE STUDIES
Using IR Spectroscopy for Counterfeit Drug Detection



WEBINARS
The Ultimate Guide to Beamsplitters



APPLICATION NOTE
What are Beamsplitters?



VIDEO
Introduction to Beamsplitters

[View More](#)