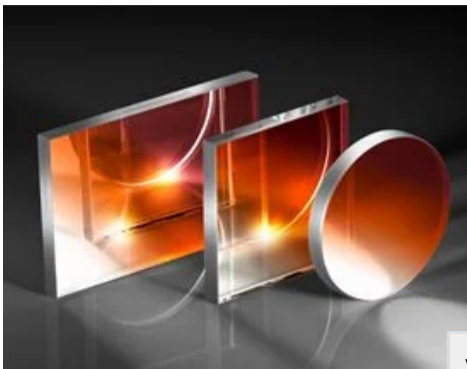


# TECHSPEC® 25mm Dia 20R/80T, NIR Plate Beamsplitter



Visible and NIR Plate Beamsplitters

Stock #68-368 20+ In Stock

1

C\$250<sup>.60</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$250.60 each
Qty 6-25	C\$196.00 each
Qty 26-99	C\$182.00 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
eDrawing:eprt	
EO Spec Sheet	<a href="#">Download All</a>

## General

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

**Type:** Standard Beamsplitter

## Physical & Mechanical Properties

**Clear Aperture (%)**: >85

**Construction:** Plate

**Diameter (mm)**: 25.00

**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: 20/80 ±5% @ 900nm, ±10% @ 700 - 1100nm  
Surface 2: AR R<sub>avg</sub> ≤1%, R<sub>abs</sub> ≤2% @ 700 - 1100nm

**Reflection/Transmission Ratio (R/T)**: 20/80

**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](#)

## 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

- 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.

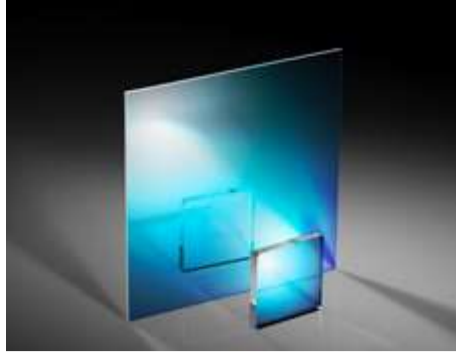
## Technical Information

## 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
<a href="#">MORE+</a>	Visible Plate Beamsplitter Kit, 25mm Diameter		<a href="#">#83-388</a>	<b>C\$756.00</b> <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
<a href="#">MORE+</a>	Near Infrared Plate Beamsplitter Kit, 25mm Diameter		<a href="#">#83-956</a>	<b>C\$756.00</b> <a href="#">Request Quote</a>	<b>1 In Stock</b> <input type="text" value="1"/>

## Frequently Purchased Together



#31-416 - 12 x 19mm, 10R/90T, Plate Beamsplitter  
C\$56.00

Qty



#32-477 - 25.0mm Dia. x 50.0mm FL Uncoated, Plano-Convex Lens  
C\$45.85

Qty



#33-979 - Basler ace acA1300-200uc Color USB 3.0 Camera  
C\$882.00

Qty










































#34-770 - C-Mount Male to M22 x 0.75 Female Step-Down Adapter  
C\$76.30

Qty

## Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	 25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	C\$29.40 <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	C\$29.40 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0mm Optic Dia., Optic Mount	Fixed		#64-560	C\$45.85 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., E-Series Kinematic Mount	Adjustable - Tip-Tilt		#15-866	C\$60.90 <a href="#">Request Quote</a>	10 In Stock <input type="text" value="1"/>
	 2.0 - 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-668	C\$88.20 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	C\$95.20 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	C\$99.40 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	C\$116.20 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#58-851	C\$137.90 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	C\$142.80 <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>
	 5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-529	C\$142.80 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	 25.0/25.4mm Optic Dia., Optical Cell Assembly	Fixed		#36-461 <b>CLEARANCE</b>	C\$143.93 <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>
	 7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	C\$148.40 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
 	25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#58-854	C\$149.80 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 
 	10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	C\$151.20 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/> 
 	19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	C\$159.60 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 
 	7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	C\$162.40 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 
 	8.0 - 118.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	C\$168.00 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 
 	4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-077	C\$219.80 <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#26-815	C\$225.40 <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#26-818	C\$254.80 <a href="#">Request Quote</a>	9 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	C\$386.40 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/> 
 	5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	C\$574.00 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., Precision Gimbal Mount	Adjustable - Gimbal		#54-999	C\$645.40 <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	C\$756.00 <a href="#">Request Quote</a>	6 In Stock <input type="text" value="1"/> 
 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	C\$1,057.00 <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/> 

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

## Resources

Media Type

 APPLICATION NOTE

 CASE STUDIES

Laser Optics  
for Eye  
Surgery

 CASE STUDIES

- Application Note
- Glossary
- Video
- FAQ

An Introduction to Optical Coatings

Using IR Spectroscopy for Counterfeit Drug Detection

GLOSSARY

NIR (Near Infrared)

GLOSSARY

VIS/NIR Coatings

APPLICATION NOTE

The Correct Material for Infrared (IR) Applications

[View More](#)