

TECHSPEC® 25mm Dia 30R/70T, VIS Plate Beamsplitter



Visible and NIR Plate Beamsplitters

Stock **#47-240** **5 In Stock**

⊖ 1 ⊕ €149⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€149,00 each
Qty 6-25	€116,00 each
Qty 26-99	€108,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

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: 30/70 ±5% @ 550nm, ±10% @ 400 - 700nm
Surface 2: AR R_{avg} ≤1%, R_{abs} ≤2% @ 400 - 700nm

Reflection/Transmission Ratio (R/T):

30/70

Substrate: □

N-BK7

Surface Flatness (P-V):

1λ per inch

Surface Quality:

60-40

Wavelength Range (nm):

400 - 700

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 247:

Compliant

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

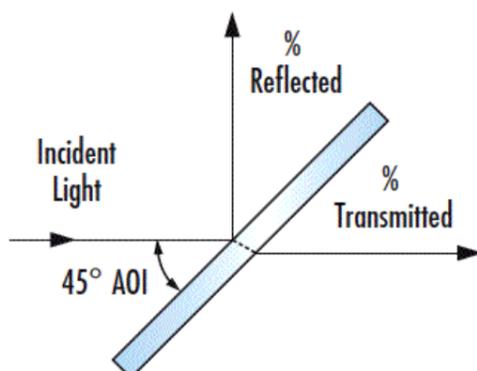
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

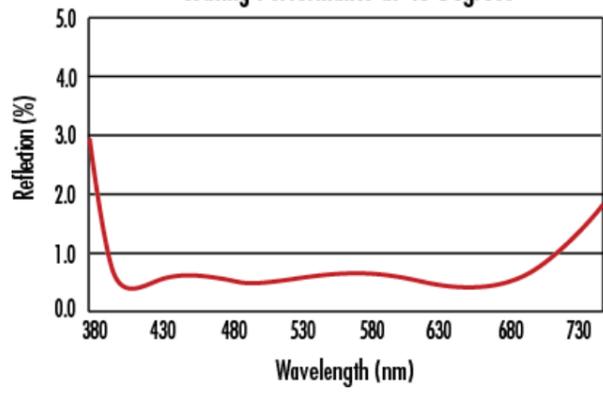
- Many Beamsplitting Ratios Available
- Visible and NIR Coating Options Offered
- Multi-Layer AR Coated Second Surface
- **C-Mounted Plate Beamsplitters** Also Available

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.

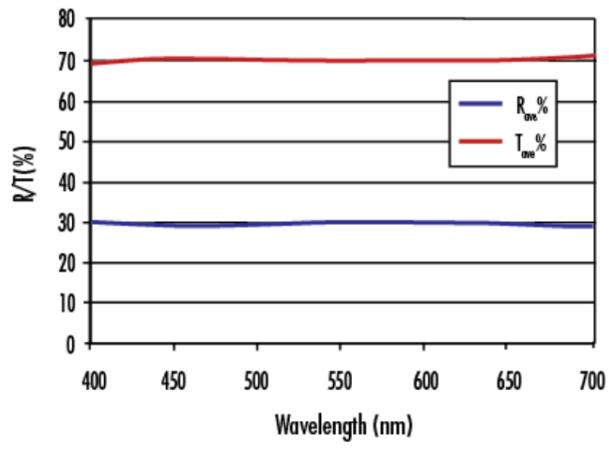
Technical Information



**VIS AR Back-Surface
Coating Performance at 45 Degrees**



VIS 30R/70T Beamsplitter



Compatible Mounts