

TECHSPEC<sup>®</sup> 25mm Dia 60R/40T, NIR Plate Beamsplitter



Visible and NIR Plate Beamsplitters

Stock **#68-404** 20+ In Stock

-

1

+

€165<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €165,00 each                  |
| Qty 6-25       | €130,00 each                  |
| Qty 26-99      | €120,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

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

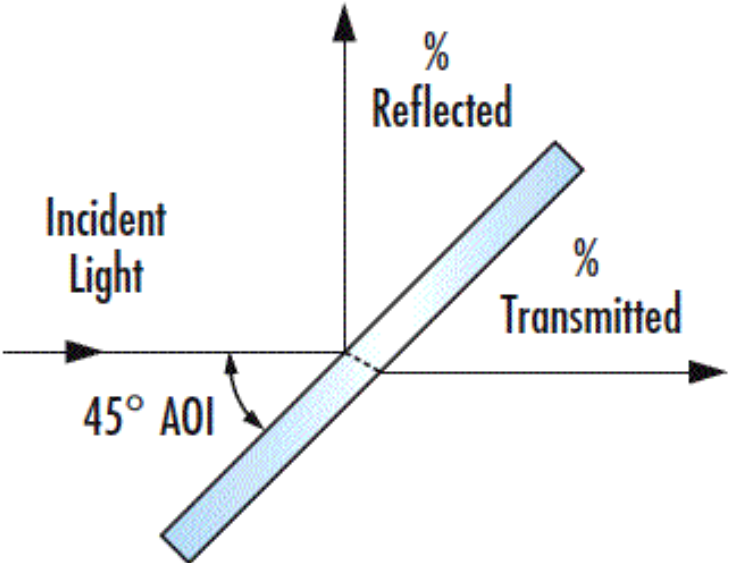
|                                      |  |                                                                                                                              |
|--------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|
| Standard Beamsplitter                |  | Type:                                                                                                                        |
| 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: 60/40 ±5% @ 900nm, ±10% @ 700 - 1100nm<br>Surface 2: AR R <sub>avg</sub> ≤1%, R <sub>abs</sub> ≤2% @ 700 - 1100nm |
| Reflection/Transmission Ratio (R/T): |  | 60/40                                                                                                                        |
| Substrate: <input type="checkbox"/>  |  | 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                                                                                                                    |

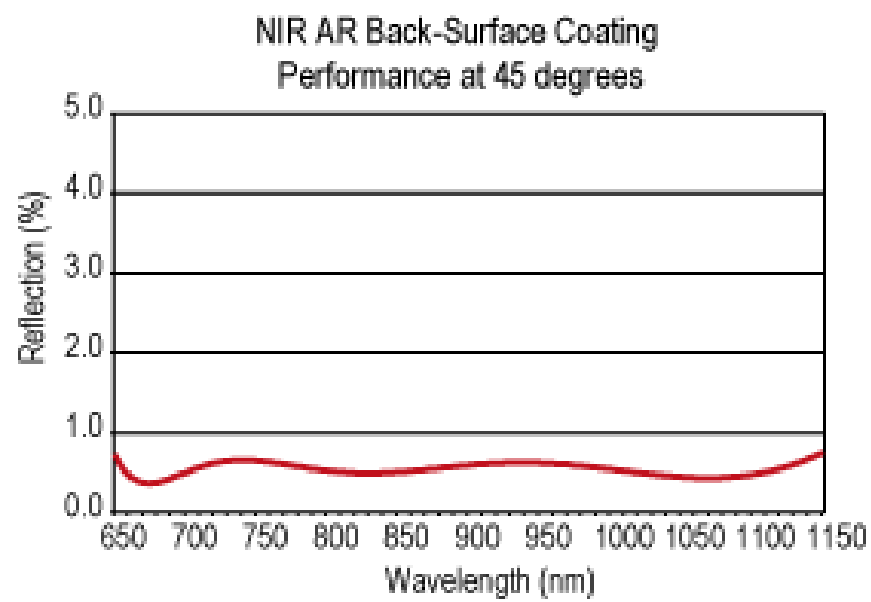
## PRODUCT DETAILS

- 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





## 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](#).

## COMPATIBLE MOUNTS