

**TECHSPEC®** Near Infrared Plate Beamsplitter Kit, 25mm Diameter



Stock #83-956 **1 In Stock**

- 1 + ₹44,820

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**SPECIFICATIONS**

**General**

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

**Number of Filters:**  
5: [#47-242](#), [#68-386](#), [#45-853](#), [#68-404](#), [#48-399](#)

**Type:**  
Standard Beamsplitter

## Physical & Mechanical Properties

Plate **Construction:**

## Optical Properties

**Coating Specification:**  
Surface 1: R/T  $\pm 5\%$  @ 900nm,  $R_{avg} \pm 10\%$  700 - 1100nm  
Surface 2: AR  $R_{avg} \leq 1\%$ ,  $R_{avg} \leq 2\%$  700 - 1100nm

**Wavelength Range (nm):**  
700 - 1100

## Regulatory Compliance

**Certificate of Conformance:**  
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## 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

