

**TECHSPEC® 50R/50T NIR, C-Mounted Plate Beamsplitter**



Stock #49-688 **3 In Stock**

- 1 + \$467.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-4	\$467.60 each
Qty 5-9	\$408.80 each
Qty 10+	\$383.60 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Standard Beamsplitter **Type:**

**Beamsplitter Included:**  
Standard 50R/50T NIR Plate Beamsplitter, 1  $\lambda$

**Physical & Mechanical Properties**

Plate **Construction:**

+0.0/-0.25	<b>Dimensional Tolerance (mm):</b>
38.0	<b>Extension Length (mm):</b>
Black Anodized Aluminum	<b>Housing:</b>
38 x 38 x 50	<b>Housing Dimension:</b>

## Optical Properties

Surface 2: Multi-Layer Anti-Reflection for Near-Infrared Region	<b>Coating Specification:</b>
50/50	<b>Reflection/Transmission Ratio (R/T):</b>
±5	<b>Reflection/Transmission Tolerance (%):</b>
N-BK7	<b>Substrate:</b> <input type="checkbox"/>
1λ	<b>Surface Flatness (P-V):</b>
60-40	<b>Surface Quality:</b>
700 - 1100	<b>Wavelength Range (nm):</b>

## Threading & Mounting

C-Mount Enclosure	<b>Mount:</b>
C-Mount (1" x 32 TPI)	<b>Thread Type:</b>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
----------------------	------------------------------------

## Product Details

- Pre-Mounted 90 Degree Interface
- Four C-Threaded Mounting Holes
- Several Beamsplitting Options Available
- Additional C-Mounted [Beamsplitters](#), [Filters](#), and [Mirrors](#) Available

TECHSPEC® C-Mounted Plate Beamsplitters are designed to simplify system integration. These mounted beamsplitters include a TECHSPEC® Plate Beamsplitter pre-mounted in an Aluminum cube designed to interface with C-Mount (1" x 32 TPI) systems. Each cube is configured with four C-threaded holes, one on each face, and a 1/4-20 tapped hole on the base for post mounting. TECHSPEC® C-Mounted Plate Beamsplitters are available in 30R/70T, 50R/50T, and 70R/30R options for either the visible or near infrared spectrum.

The C-Mounted Visible Plate Beamsplitters are designed for the 400 - 700nm wavelength range and the C-Mounted NIR Plate Beamsplitters are designed for the 700 - 1100nm wavelength range.

**Note:** These products cannot be disassembled. For mounting an alternative beamsplitter in a C-Mount Cube, use either [#56-264](#) or [#56-265](#).

## Technical Information



