

TECHSPEC<sup>®</sup> 50R/50T, C-Mounted Standard Plate Beamsplitter



Stock **#54-824** 3 In Stock

-

1

+

C\$467<sup>.60</sup>

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

Product Downloads

General

Type:

Standard Beamsplitter

Beamsplitter Included:  
[Standard 50R/50T VIS Plate Beamsplitter, 4-6 λ](#)

Physical & Mechanical Properties

Construction:

Plate

|                         |                             |
|-------------------------|-----------------------------|
| ±0.375                  | Dimensional Tolerance (mm): |
| 38.0                    | Extension Length (mm):      |
| Black Anodized Aluminum | Housing:                    |

|              |                    |
|--------------|--------------------|
| 38 x 38 x 50 | Housing Dimension: |
|--------------|--------------------|

Optical Properties

|                                                         |                                      |
|---------------------------------------------------------|--------------------------------------|
| Surface 2: $\lambda/4$ MgF <sub>2</sub> Anti-Reflection | Coating Specification:               |
| 50/50                                                   | Reflection/Transmission Ratio (R/T): |

|             |                                        |
|-------------|----------------------------------------|
| ±5          | Reflection/Transmission Tolerance (%): |
| Float Glass | Substrate: □                           |

|        |                         |
|--------|-------------------------|
| 4 - 6λ | Surface Flatness (P-V): |
| 80-50  | Surface Quality:        |

|           |                        |
|-----------|------------------------|
| 400 - 700 | Wavelength Range (nm): |
|-----------|------------------------|

Threading & Mounting

|                       |              |
|-----------------------|--------------|
| C-Mount Enclosure     | Mount:       |
| C-Mount (1" x 32 TPI) | Thread Type: |

Regulatory Compliance

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

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



