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TECHSPEC®

50R/50T, C-Mounted Standard Plate Beamsplitter



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

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1

+

£267^{.20}

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Volume Pricing	
Qty 1-4	£267.20 each
Qty 5-9	£233.60 each
Qty 10+	£219.20 each
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Product Downloads

General

Type:

Standard Beamsplitter

Beamsplitter Included:

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

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:
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Optical Properties

Surface 2: $N/4$ MgF ₂ 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):
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Threading & Mounting

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

Regulatory Compliance

View	Certificate of Conformance:
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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 ¼–20 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-Mbunt Cube, use either [#56-264](#) or [#56-265](#).

Technical Information



