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TECHSPEC[®]

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



Stock **#49-688** **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 NIR Plate Beamsplitter, 1 λ](#)

Physical & Mechanical Properties

Construction:

Plate

+0.0/-0.25	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: Multi-Layer Anti-Reflection for Near-Infrared Region	Coating Specification:
50/50	Reflection/Transmission Ratio (R/T):

±5	Reflection/Transmission Tolerance (%):
N-BK7	Substrate: ☐

1λ	Surface Flatness (P-V):
60-40	Surface Quality:

700 - 1100	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-Mount Cube, use either [#56-264](#) or [#56-265](#).

Technical Information



