

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



Stock #49-688 3-4 DAYS

1 €307.⁰⁰

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Qty 1-4

€307,00

Qty 5+

€269,00

Volume Pricing

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! Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:
Standard Beamsplitter

Beamsplitter Included:
[#49-755](#)

Physical & Mechanical Properties

Construction:
Plate

Dimensional Tolerance (mm):
+0.0/-0.25

Extension Length (mm):
38.0

Housing:
Black Anodized Aluminum

Housing Dimension:
38 x 38 x 50

Optical Properties

Coating Specification:
Surface 2: Multi-Layer Anti-Reflection for Near-Infrared Region

Reflection/Transmission Ratio (R/T):
50/50

Reflection/Transmission Tolerance (%):
±5

Substrate:
[N-BK7](#)

Surface Flatness (P-V):
1λ

Surface Quality:
60-40

Wavelength Range (nm):
700 - 1100

Threading & Mounting

Mount:
C-Mount Enclosure

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

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)

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

