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TECHSPEC® NIR Coated, C-Mounted Non-Polarizing Cube Beamsplitter



C-Mounted Cube Beamsplitters

Stock #49-683 **2 In Stock**

S\$665⁰⁰

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Volume Pricing	
Qty 1-4	S\$665.00 each
Qty 5-9	S\$537.60 each
Qty 10+	S\$487.20 each
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Product Downloads

General

Type:
Non-Polarizing Beamsplitter

Type of Optics:
Non-Polarizing Cube Beamsplitter, NIR Coating

Beamsplitter Included:
[Non-Polarizing 50R/50T NIR Cube Beamsplitter #](#)

Physical & Mechanical Properties

Cube **Construction:**

38.0 x 38.0 x 50.0 **Dimensions (mm):**

38.0 **Extension Length (mm):**

Black Anodized Aluminum **Housing:**

Optical Properties

±2 **Angle Tolerance (arcmin):**

Faces: Multi-Layer Anti-Reflection for Near-Infrared Region **Coating:**

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

±5 **Reflection/Transmission Tolerance (%):**

N-BK7 **Substrate:**

40-20 **Surface Quality:**

720 - 1080 **Wavelength Range (nm):**

1.25 **Power (fringes) @ 632.8nm:**

0.25 **Irregularity (fringes) @ 632.8nm:**

Threading & Mounting

C-Mount Enclosure **Mount:**

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

Regulatory Compliance

Compliant **RoHS 2015:**

Compliant **Reach 224:**

View **Certificate of Conformance:**

Product Details

- Simplifies Mounting and Alignment
- Standard Female C-Mount Threaded Holes
- Additional C-Mounted [Beamsplitters](#), [Filters](#), and [Mirrors](#) Available

TECHSPEC® C-Mounted Cube Beamsplitters offer easy integration into systems, allowing the use of standard off-the-shelf components. The housing is 50mm H x 38mm W x 38mm D, with four C-Mount (1" x 32 TPI) female threaded apertures. A threaded aperture lid is included to close the unused port. The base has a centered 1/4-20 tapped hole for mounting to a post. The TECHSPEC® C-Mounted Standard Cube Beamsplitter features a coating for visible wavelengths and MgF2 anti-reflection coated faces.

The C-Mounted Visible Non-Polarizing Cube Beamsplitter is designed for the 430 - 670nm wavelength range, and the C-Mounted NIR Non-Polarizing Cube Beamsplitter is designed for the 720 - 1080nm wavelength range.

Technical Information

