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TECHSPEC® C-Mounted Standard Cube Beamsplitter



C-Mounted Cube Beamsplitters

Stock **#54-823** **6 In Stock**

⊖ 1 ⊕ **\$511⁰⁰**

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Volume Pricing	
Qty 1-4	\$511.00 each
Qty 5-9	\$413.00 each
Qty 10+	\$375.20 each
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General

Standard Beamsplitter **Type:**

Standard Cube Beamsplitter **Type of Optics:**

Beamsplitter Included:
[Standard 50R/50T VIS 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

±5
Angle Tolerance (arcmin):
Faces: $N/4$ MgF₂ Anti-Reflection
Coating:

50/50
Reflection/Transmission Ratio (R/T):
±5
Reflection/Transmission Tolerance (%):

[N-BK7](#)
Substrate: □
60-40
Surface Quality:

400 - 700
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

[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

