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TECHSPEC®

NIR Coated, C-Mounted Non-Polarizing Cube Beamsplitter



C-Mounted Cube Beamsplitters

Stock **#49-683** **1 In Stock**

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1

+

C\$665⁰⁰

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

