

TECHSPEC[®] 50R/50T VIS, C-Mounted Plate Beamsplitter



Stock **#49-685** 20+ In Stock

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1

+

£268^{.78}

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Volume Pricing	
Qty 1-4	£268.78 each
Qty 5-9	£235.51 each
Qty 10+	£220.63 each
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Product Downloads

SPECIFICATIONS

General

Standard Beamsplitter

Type:

Beamsplitter Included: Standard 50R/50T VIS Plate Beamsplitter, 1 λ	
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 Visible 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):	400 - 700
Threading & Mounting	
Mount:	C-Mount Enclosure
Thread Type:	C-Mount (1" x 32 TPI)
Regulatory Compliance	
RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 235:	Compliant

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

