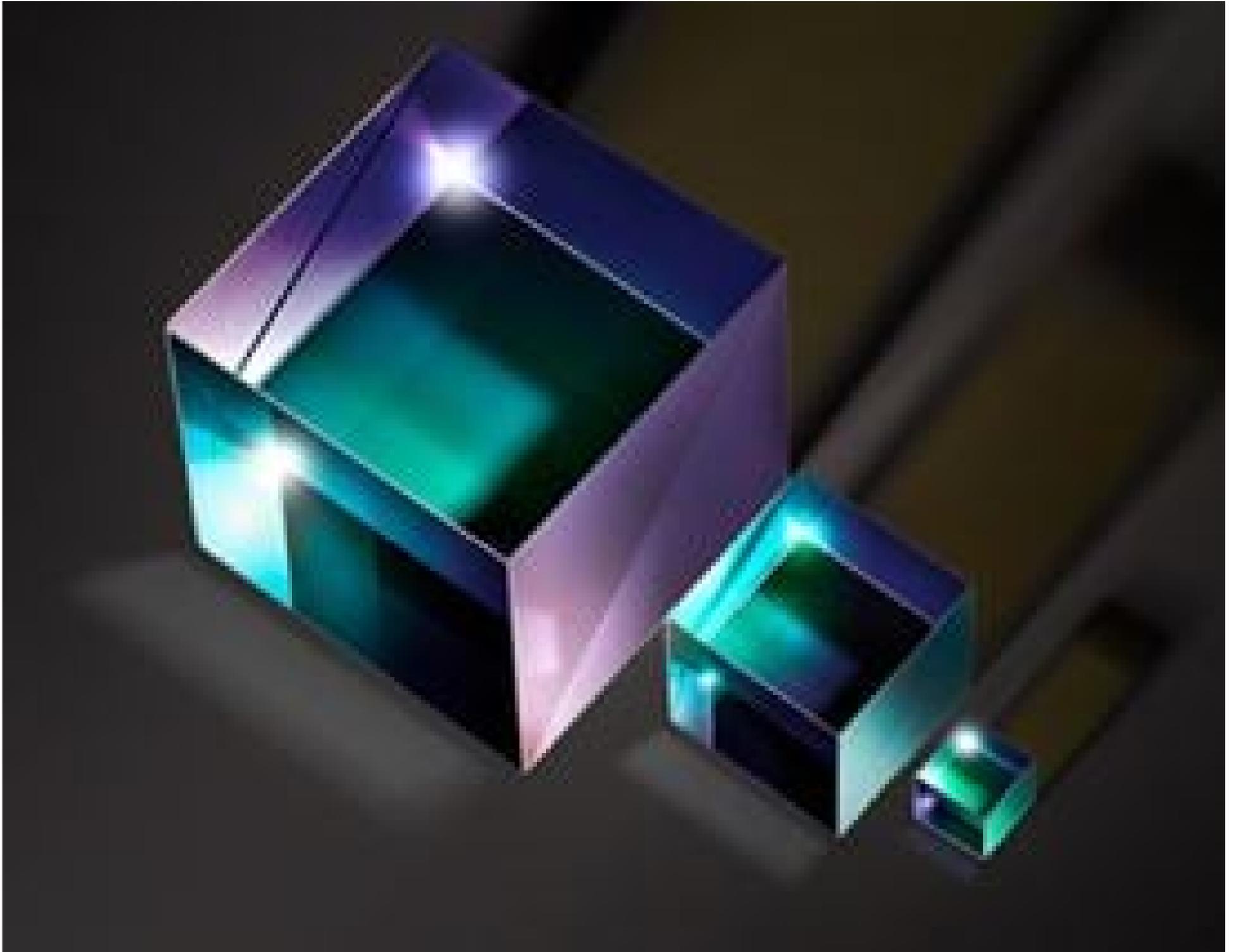


TECHSPEC® 50mm 50R/50T Cube Beamsplitter



Stock #32-704 **20+ In Stock**

- 1 + A\$984.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$984.00 each
Qty 6-25	A\$788.80 each
Qty 26-99	A\$729.60 each
Need More?	Request Quote

Product Downloads

General

Standard Beamsplitter **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

Cube **Construction:**

Dimensions (mm):
50.0 x 50.0 x 50.0 ±0.10

Optical Properties

Beam Deviation (arcmin):
±3

Coating:
M4 MgF₂ @ 550nm on Faces
Multilayer Dielectric on Hypotenuse

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

Reflection/Transmission Tolerance (%):
±5

Substrate:
N-BK7

Surface Quality:
60-40

Wavelength Range (nm):
400 - 700

Power (fringes) @ 632.8nm:
1.25

Irregularity (fringes) @ 632.8nm:
0.25

Regulatory Compliance

RoHS 2015:
Compliant

Reach 223:
Compliant

Certificate of Conformance:
[View](#)

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

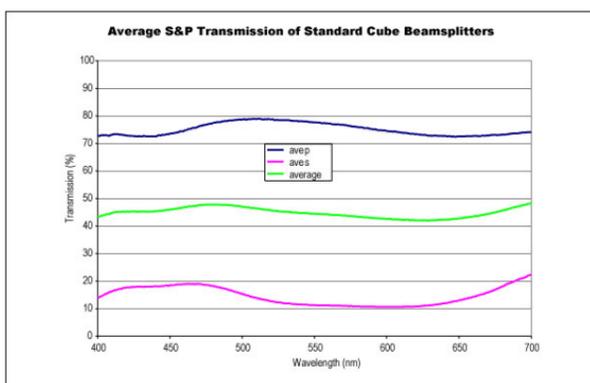
Output is partially polarized. If polarization sensitivity is critical to your application, we recommend using [TECHSPEC® Polarizing Beamsplitters](#) or [TECHSPEC® Non-Polarizing Beamsplitters](#).

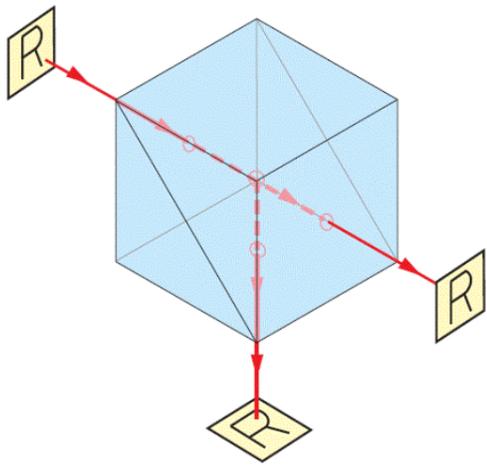
- Multi-Layer Dielectric Coating
- Available in 30/70, 70/30, or 50/50 Split Ratios
- Optimal for Applications Insensitive to Polarization

TECHSPEC® Cube Beamsplitters are constructed by cementing two right angle prisms together and are offered in a range of reflection/transmission ratios. Output is partially polarized, making this product suitable for illumination and other applications where polarization is not a concern. TECHSPEC® Cube Beamsplitters feature an interference coating which is applied to the hypotenuse surface of one of the prisms to provide the designated reflection/transmission ratio with minimal absorption loss.

Note: If polarization sensitivity is critical to your application, we recommend using [TECHSPEC® Polarizing Beamsplitters](#) or [TECHSPEC® Non-Polarizing Beamsplitters](#).

Technical Information





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