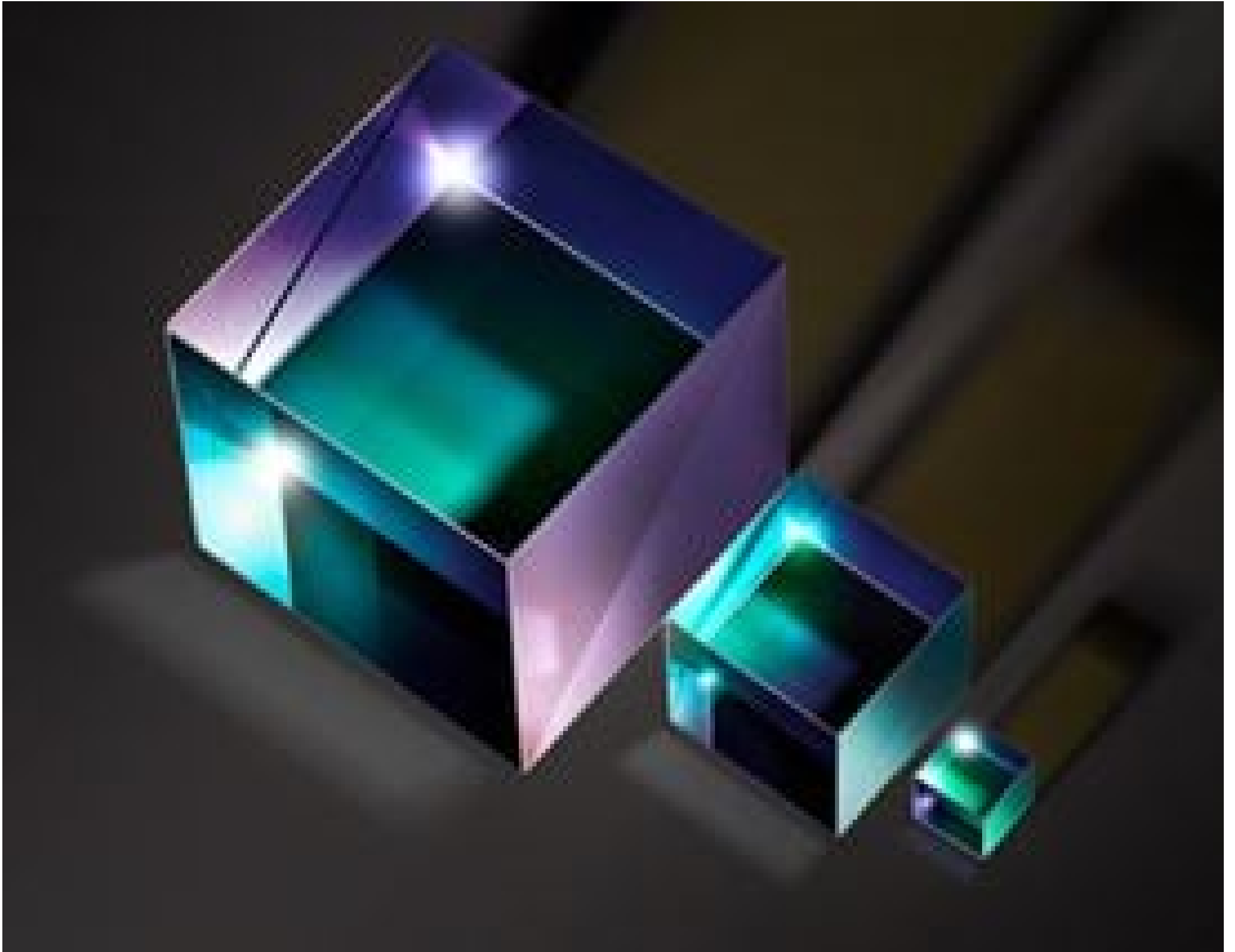


TECHSPEC® 12.5mm 30R/70T Cube Beamsplitter



Stock #68-548 **9 In Stock**

⊖ 1 ⊕ A\$364.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$364.80 each
Qty 6-25	A\$291.20 each
Qty 26-99	A\$267.20 each
Need More?	Request Quote

Product Downloads

General

Standard Beamsplitter **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

Cube **Construction:**

12.5 x 12.5 x 12.5 ±0.10 **Dimensions (mm):**

Optical Properties

Beam Deviation (arcmin):
±3

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

Reflection/Transmission Ratio (R/T):
30/70

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](#)

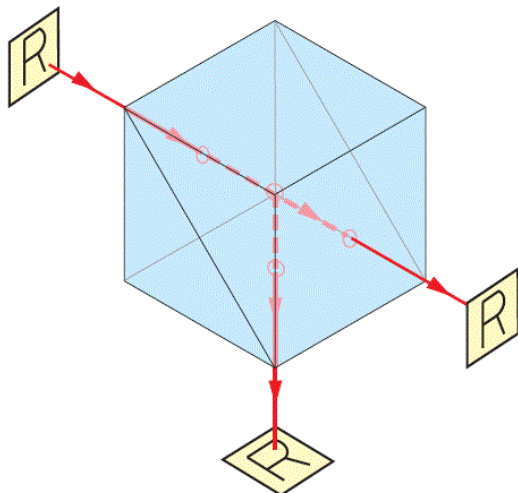
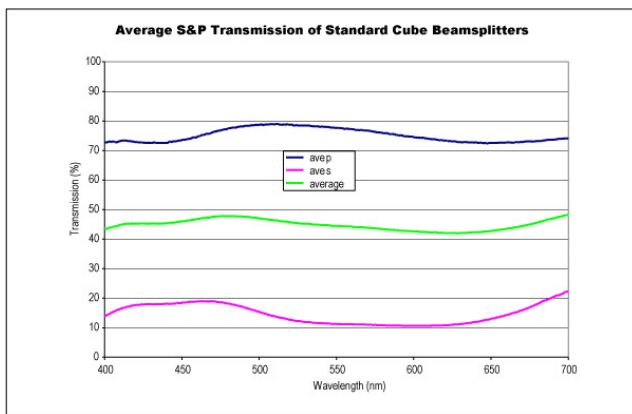
Product Details

- 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



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](#).
