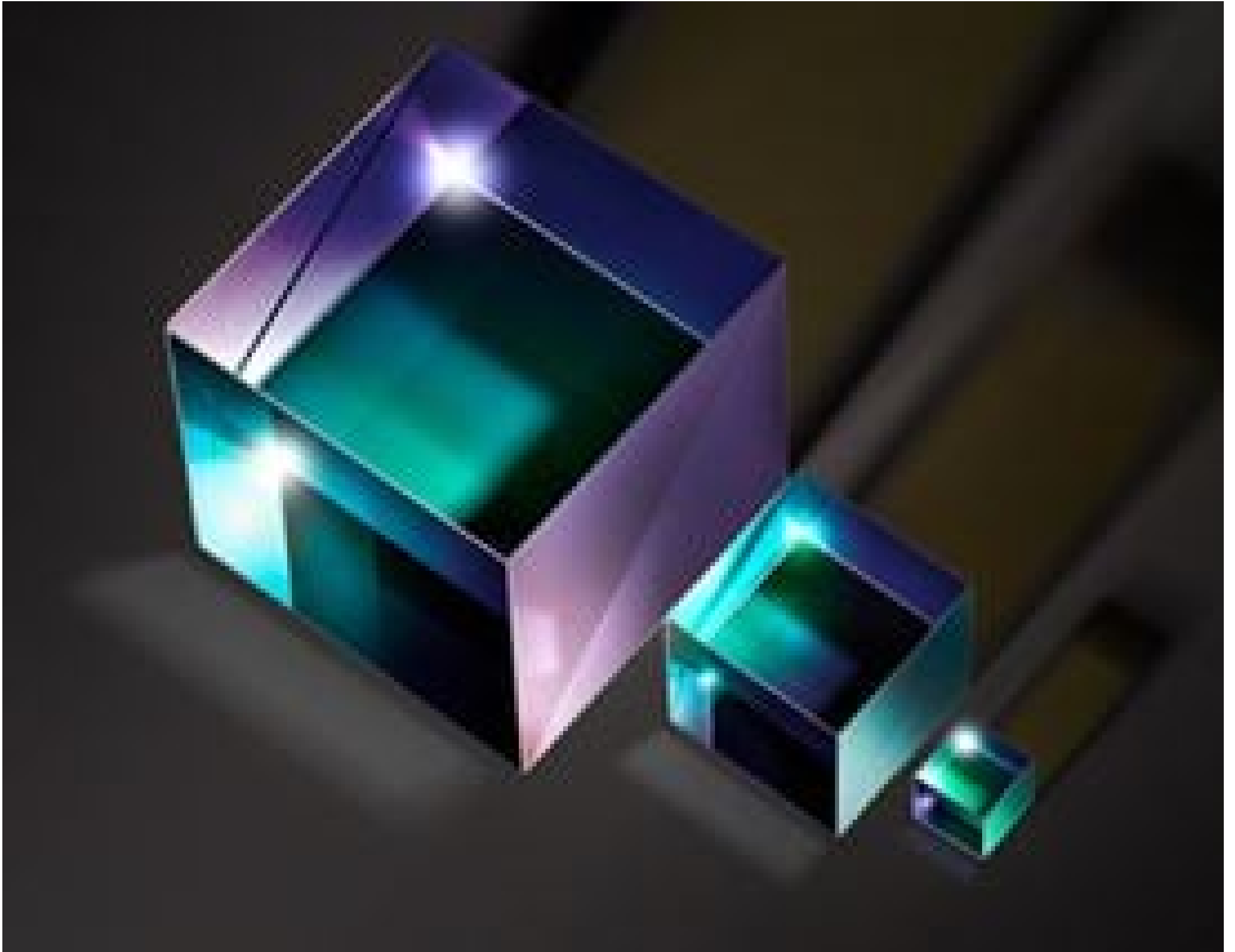


TECHSPEC® 25mm 50R/50T NIR Cube Beamsplitter



Stock #14-643 **13 In Stock**

⊖ 1 ⊕ A\$444.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$444.80 each
Qty 6-25	A\$355.20 each
Qty 26-99	A\$326.40 each
Need More?	Request Quote

Product Downloads

General

Standard Beamsplitter **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

Cube **Construction:**

25.0 x 25.0 x 25.0 ±0.10
Dimensions (mm):

Optical Properties

±3
Beam Deviation (arcmin):

M4 MgF₂ @ 900nm on Faces
Multilayer Dielectric on Hypotenuse
Coating:

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

±5
Reflection/Transmission Tolerance (%):

N-BK7
Substrate: □

40-20
Surface Quality:

700 - 1100
Wavelength Range (nm):

1.25
Power (fringes) @ 632.8nm:

0.25
Irregularity (fringes) @ 632.8nm:

Regulatory Compliance

Compliant
RoHS 2015:

Compliant
Reach 223:

View
Certificate of Conformance:

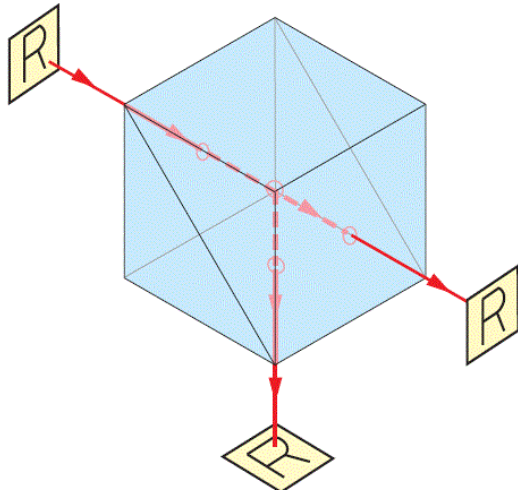
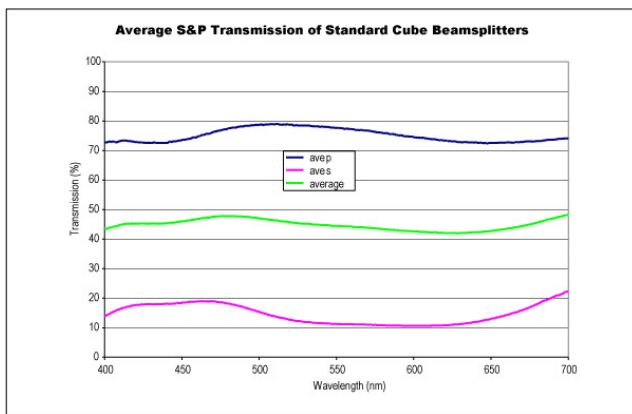
Product Details

- 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](#).
