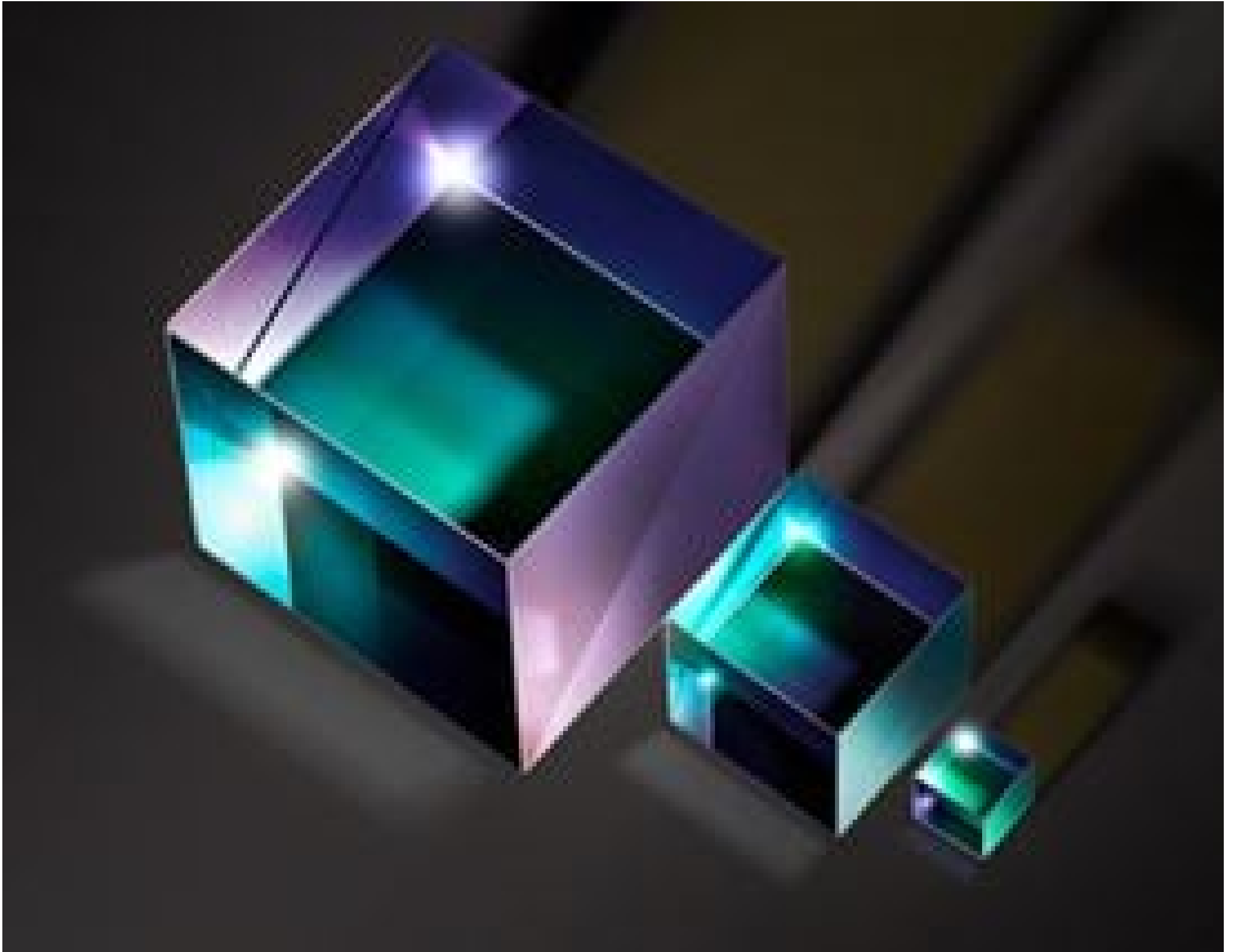


**TECHSPEC® 35mm 50R/50T Cube Beamsplitter**



Stock #32-702 **20+ In Stock**

£311<sup>.20</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	£311.20 each
Qty 6-25	£248.80 each
Qty 26-99	£228.00 each
Need More?	<a href="#">Request Quote</a>

! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Standard Beamsplitter      **Type:**

**Physical & Mechanical Properties**

Protective as needed      **Bevel:**

Cube      **Construction:**

35.0 x 35.0 x 35.0 ±0.10  
**Dimensions (mm):**

## Optical Properties

±3  
**Beam Deviation (arcmin):**

M4 MgF<sub>2</sub> @ 550nm on Faces  
Multilayer Dielectric on Hypotenuse  
**Coating:**

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

±5  
**Reflection/Transmission Tolerance (%):**

N-BK7  
**Substrate:**

60-40  
**Surface Quality:**

400 - 700  
**Wavelength Range (nm):**

1.25  
**Power (fringes) @ 632.8nm:**

0.25  
**Irregularity (fringes) @ 632.8nm:**

## Regulatory Compliance

Compliant  
**RoHS 2015:**

View  
**Certificate of Conformance:**

Compliant  
**Reach 250:**

## Product Details

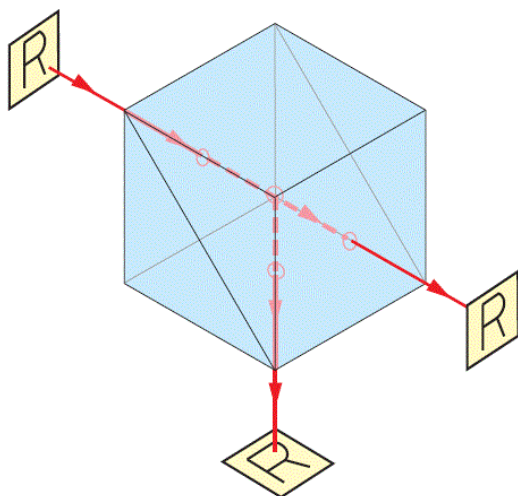
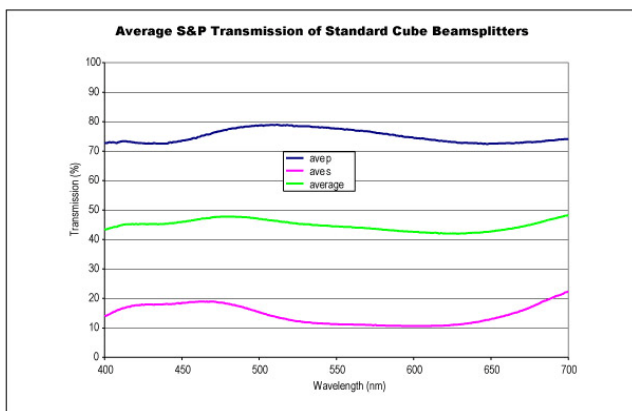
Output is partially polarized. If polarization sensitivity is critical to your application, we recommend using [TECHSPEC® Polarizing Beamsplitters](#) or [TECHSPEC® Non-Polarizing Beamsplitters](#).

- 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



## 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](#).

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