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**TECHSPEC® 12.5mm 50R/50T Cube Beamsplitter**



Stock #45-111 **20+ In Stock**

- 1 + MRP ₹23,003

**i** Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹23,003 each
Qty 6-25	₹18,362 each
Qty 26-99	₹16,849 each
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Product Downloads

**General**

Standard Beamsplitter **Type:**

**Physical & Mechanical Properties**

Protective as needed **Bevel:**

Cube **Construction:**

<b>Dimensions (mm):</b>	
12.5 x 12.5 x 12.5 ±0.10	
<b>Optical Properties</b>	
<b>Beam Deviation (arcmin):</b>	±3
<b>Coating:</b>	M/4 MgF <sub>2</sub> @ 550nm on Faces Multilayer Dielectric on Hypotenuse
<b>Reflection/Transmission Ratio (R/T):</b>	50/50
<b>Reflection/Transmission Tolerance (%):</b>	±5
<b>Substrate:</b> <input type="checkbox"/>	N-BK7
<b>Surface Quality:</b>	60-40
<b>Wavelength Range (nm):</b>	400 - 700
<b>Power (fringes) @ 632.8nm:</b>	1.25
<b>Irregularity (fringes) @ 632.8nm:</b>	0.25
<b>Regulatory Compliance</b>	
<b>RoHS 2015:</b>	Compliant
<b>Certificate of Conformance:</b>	<a href="#">View</a>
<b>REACH 241:</b>	Compliant
<b>Country of Origin:</b>	Singapore
<b>Imported By:</b>	Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000

## Need different specs or modifications?

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](#).

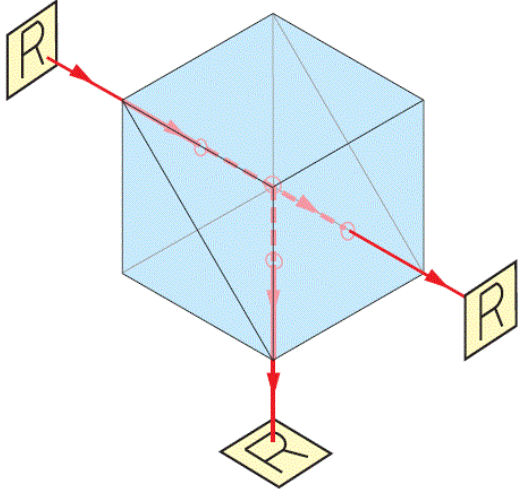
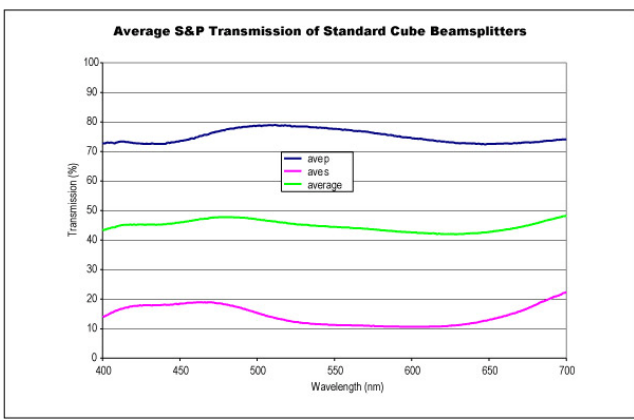
## Product Details

- 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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