

[See all 30 Products in Family](#)

TECHSPEC® 40mm 50R/50T Cube Beamsplitter



Stock #32-506 **20+ In Stock**

- 1 + MRP ₹48,427

i Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	₹48,427 each
Qty 6-25	₹38,742 each
Qty 26-99	₹35,513 each
Need More?	Request Quote

Product Downloads

General

Standard Beamsplitter **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

Cube **Construction:**

Dimensions (mm):	
40.0 x 40.0 x 40.0 ±0.10	
Optical Properties	
Beam Deviation (arcmin):	±3
Coating:	M/4 MgF ₂ @ 550nm on Faces Multilayer Dielectric on Hypotenuse
Reflection/Transmission Ratio (R/T):	50/50
Reflection/Transmission Tolerance (%):	±5
Substrate: <input type="checkbox"/>	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
Country of Origin:	Singapore
Imported By:	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

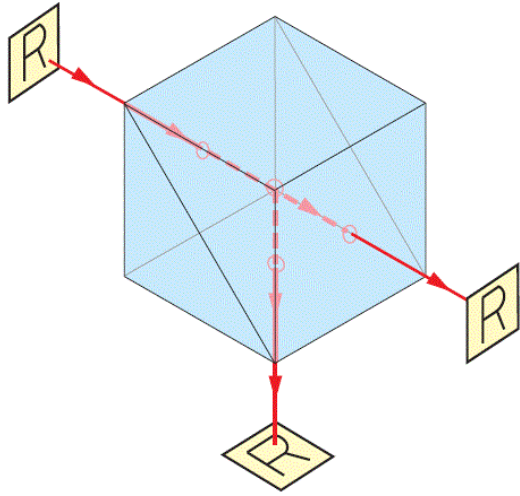
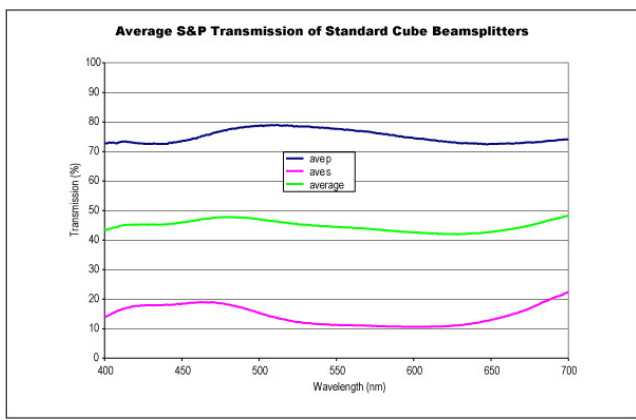
Output is partially polarized. If polarization sensitivity is critical to your application, we recommend using [TECHSPEC® Polarizing Beamsplitters](#) or [TECHSPEC® Non-Polarizing Beamsplitters](#).

- 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



;