

TECHSPEC[®] 6.25mm 50R/50T Cube Beamsplitter



Stock **#45-110** [CONTACT US](#)

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+

A\$328^{.00}

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Volume Pricing	
Qty 1-5	A\$328.00 each
Qty 6-25	A\$262.40 each
Qty 26-99	A\$243.20 each
Need More?	Request Quote

Product Downloads

General	
Standard Beamsplitter	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
Cube	Construction:

6.25 x 6.25 x 6.25 ±0.10	Dimensions (mm):
Optical Properties	
±3	Beam Deviation (arcmin):
Coating: λ/4 MgF ₂ @ 550nm on Faces Multilayer Dielectric on Hypotenuse	
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 247:

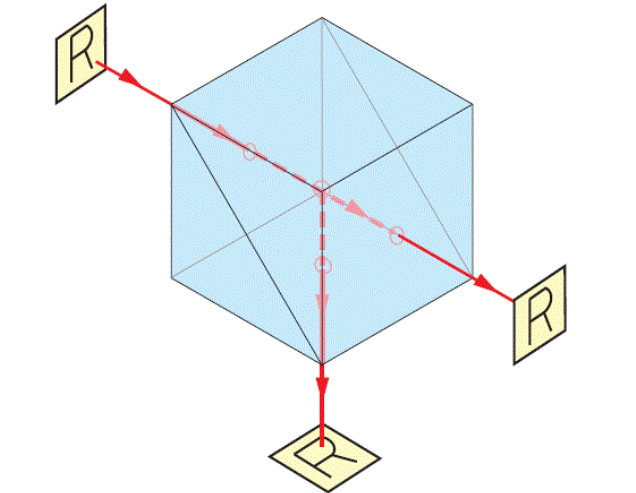
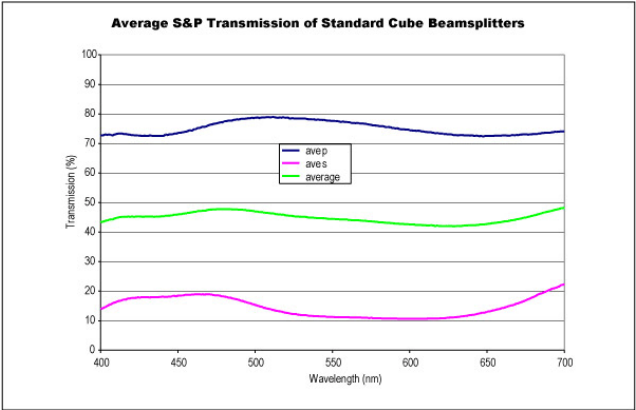
Product Details

- 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](#).