

TECHSPEC[®] 10mm 70R/30T Cube Beamsplitter



Stock #68-535 20+ In Stock

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1

+

£170⁴⁰

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Volume Pricing	
Qty 1-5	£170.40 each
Qty 6-25	£136.00 each
Qty 26-99	£124.80 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Standard Beamsplitter

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

Cube

Construction:

Dimensions (mm):		10.0 x 10.0 x 10.0 ±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):		70/30
Reflection/Transmission Tolerance (%):		±5
Substrate: 		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

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](#).

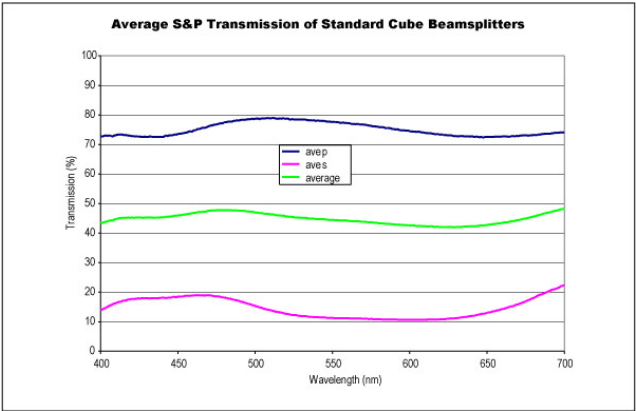
Product Details

- 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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