

TECHSPEC[®] 20mm VIS, Polarizing Cube Beamsplitter



TECHSPEC[®] Broadband Polarizing Cube Beamsplitters

Stock **#49-001** 20+ In Stock

-

1

+

₹27,270

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Volume Pricing	
Qty 1-5	₹27,270 each
Qty 6-25	₹21,870 each
Qty 26-99	₹20,070 each
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Product Downloads

General	
Linear Polarizer	Type:
Physical & Mechanical Properties	
90	Clear Aperture (%):
Cube	Construction:

20.0 x20.0 x20.0 ±0.1		Dimensions (mm):
Optical Properties		
±3		Beam Deviation (arcmin):
R _{avg} <0.5% @ 420 - 680nm		Coating Specification:
500:1		Extinction Ratio:
>90		P-Polarization Transmission (%):
>99		S-Polarization Reflection (%):
N-SF11		Substrate: 
40-20		Surface Quality:
420 - 680		Wavelength Range (nm):
1.25		Power (fringes) @ 632.8nm:
0.25		Irregularity (fringes) @ 632.8nm:

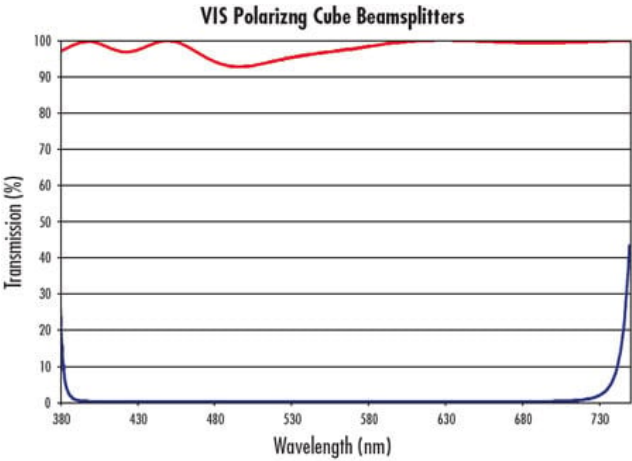
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:
Singapore	Country of Origin:
Edmund Optics India Private Limited	Importer:

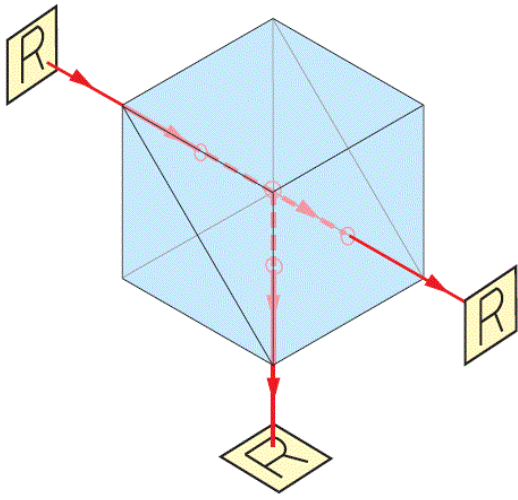
Product Details

- Visible and NIR Coating Options Offered
- 500:1 Extinction Ratio
- AR Coated for <0.5% reflection per surface

TECHSPEC® Broadband Polarizing Cube Beamsplitters split randomly polarized light into two orthogonal, linearly polarized components. These beamsplitters offer transmission greater than 90% for P-polarized light and reflection greater than 99% for S-Polarized light across the entire design wavelength range. Each beamsplitter consists of a pair of precision high tolerance [right angle prisms](#) cemented together with a dielectric coating on the hypotenuse of one of the prisms. TECHSPEC® Broadband Polarizing Cube Beamsplitters have an anti-reflection (AR) coating applied to each face of the beamsplitter to achieve less than 0.5% reflection per surface. The beamsplitters are offered with both visible and NIR coatings.

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](#).
