

**TECHSPEC® 10mm VIS, 70R/30T, Non-Polarizing Cube Beamsplitter**



Stock #13-432 **10 In Stock**

⊖ 1 ⊕ ₹21,240

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹21,240 each
Qty 6-25	₹17,190 each
Qty 26-99	₹15,660 each
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**SPECIFICATIONS**

**General**

Non-Polarizing Beamsplitter **Type:**

**Physical & Mechanical Properties**

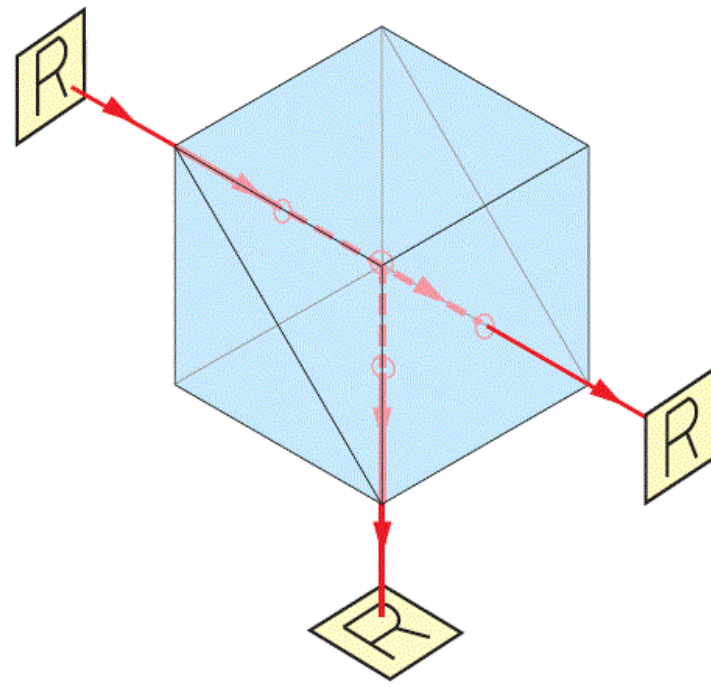
Protective as needed	<b>Bevel:</b>
>90	<b>Clear Aperture (%):</b>
Cube	<b>Construction:</b>
10.0 x 10.0 x 10.0 ±0.1	<b>Dimensions (mm):</b>
<b>Optical Properties</b>	
≤2	<b>Beam Deviation (arcmin):</b>
MS	<b>Coating:</b>
R <sub>avg</sub> <0.5% @ 430 - 670nm	<b>Coating Specification:</b>
70/30	<b>Reflection/Transmission Ratio (R/T):</b>
N-BK7	<b>Substrate:</b> <input type="checkbox"/>
40-20	<b>Surface Quality:</b>
430 - 670	<b>Wavelength Range (nm):</b>
<6%	<b> Ts-Tp :</b>
25 ±10	<b>Absolute Transmission (%):</b>
25 ±5	<b>Average Transmission (%):</b>
1.25	<b>Power (fringes) @ 632.8nm:</b>
0.25	<b>Irregularity (fringes) @ 632.8nm:</b>
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>REACH 241:</b>

## PRODUCT DETAILS

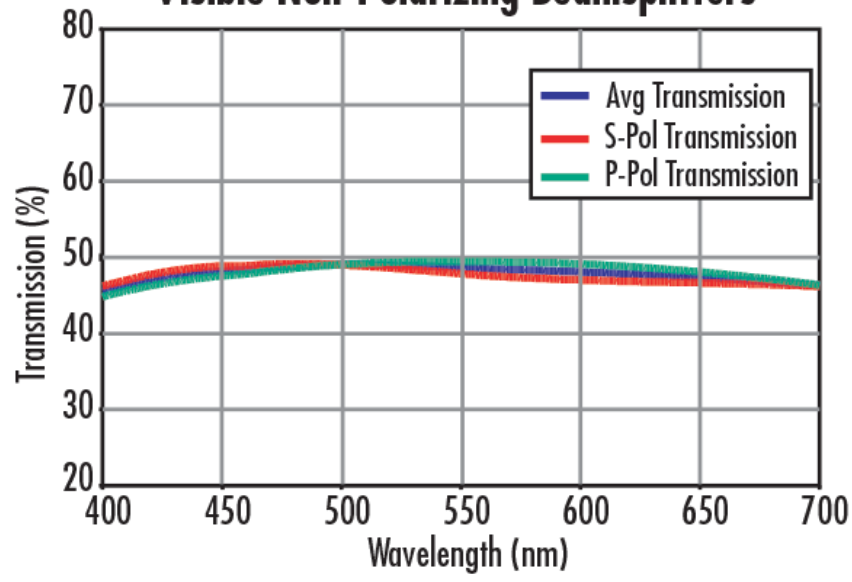
- Low Polarization Dependence: |Ts-Tp|<6%
- Constructed from High Tolerance Right Angle Prisms
- BBAR Coated Faces for Maximum Efficiency
- C-Mounted Visible and NIR [Cube Beamsplitters](#) Also Available

TECHSPEC® Broadband Non-Polarizing Cube Beamsplitters consist of a pair of precision high tolerance [right angle prisms](#) cemented together with a metallic dielectric coating on the hypotenuse of one of the prisms. The low polarization dependence of the metallic dielectric hybrid coating allows the transmission and reflection of S- and P-polarization states to be within 6% of each other. These beamsplitters feature anti-reflection (AR) coatings to maximize transmission across wavelengths ranging from 400-1620nm. TECHSPEC® Broadband Non-Polarizing Cube Beamsplitters are spectrally flat across their specified wavelength ranges, reducing effects caused by changes in the angle of incidence or converging/diverging beams. These beamsplitters are ideal for applications that require splitting of light, such as interferometers and polarimeters.

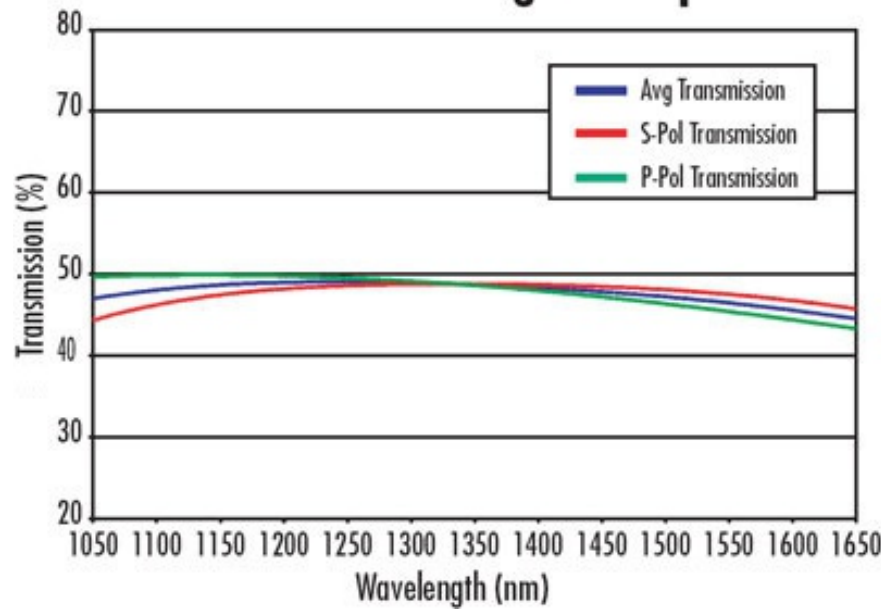
## TECHNICAL INFORMATION



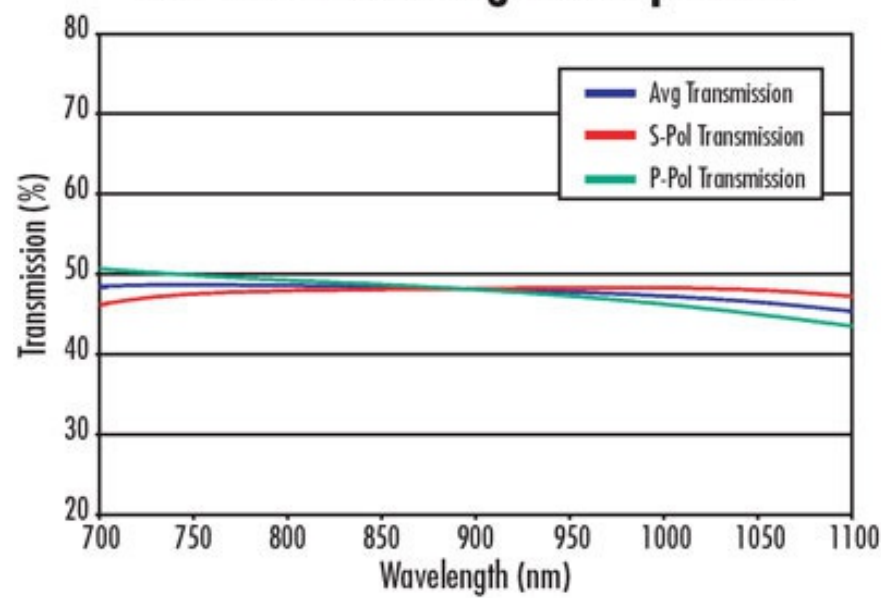
**Visible Non-Polarizing Beamsplitters**

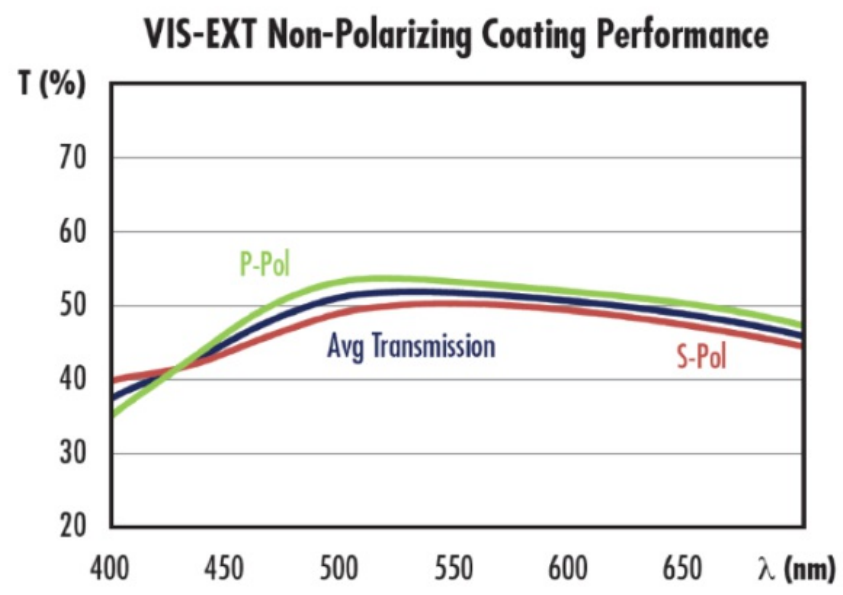


**Telecom Non-Polarizing Beamsplitters**



**NIR Non-Polarizing Beamsplitters**





## 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](#).

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