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TECHSPEC® 25mm VIS, 30R/70T, Non-Polarizing Cube Beamsplitter

Stock **#13-420** **2 In Stock**

- 1 + **€284**.00

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Volume Pricing	
Qty 1-5	**€284,00** each
Qty 6-25	**€227,00** each
Qty 26-99	**€213,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Non-Polarizing Beamsplitter

Physical & Mechanical Properties

Bevel:
Protective as needed

Clear Aperture (%):
>90

Construction:
Cube

Dimensions (mm):
25.0 x 25.0 x 25.0 ±0.1

Optical Properties

Beam Deviation (arcmin):
≤2

Coating:
VIS

Coating Specification:
R_{avg} <0.5% @ 430 - 670nm

Reflection/Transmission Ratio (R/T):
30/70

Substrate:
N-BK7

Surface Quality:
40-20

Wavelength Range (nm):
430 - 670

|Ts-Tp|:
<6%

Absolute Transmission (%):
65 ±10

Average Transmission (%):
65 ±5

Power (fringes) @ 632.8nm:
1.25

Irregularity (fringes) @ 632.8nm:
0.25

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

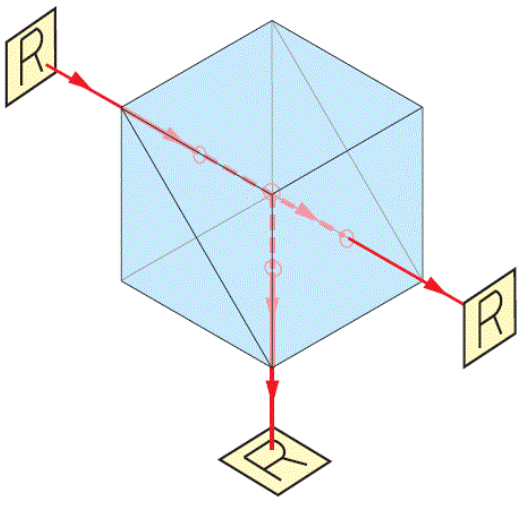
REACH 241:
Compliant

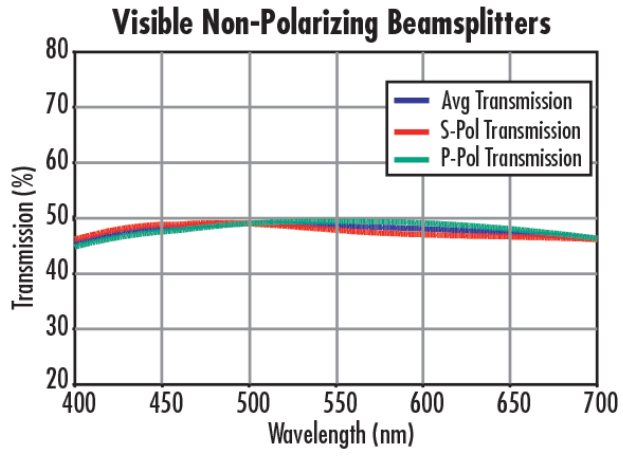
Product Details

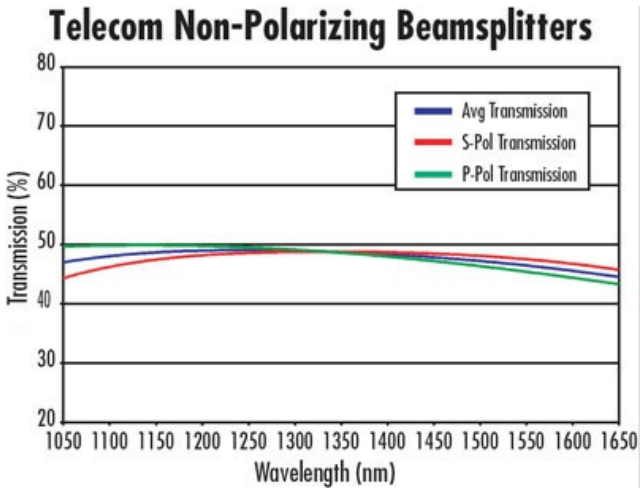
- Low Polarization Dependence: |Ts-Tp|<6%
- Constructed from High Tolerance Right Angle Prisms
- BBAR Coated Faces for Maximum Efficiency
- C-Mounted Visible and NIR **Cube Beamsplitters** Also Available

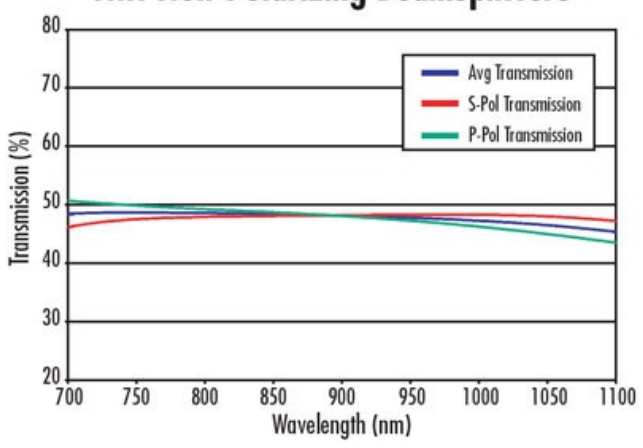
TECHSPEC® Broadband Non-Polarizing Cube Beamsplitters consist of a pair of precision high tolerance **right angle prisms** cemented together with a metallic dielectric coating on the hypotenuse of one of the prisms. The low polarization dependence of the metallic dielectric hybrid coating allows the 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.

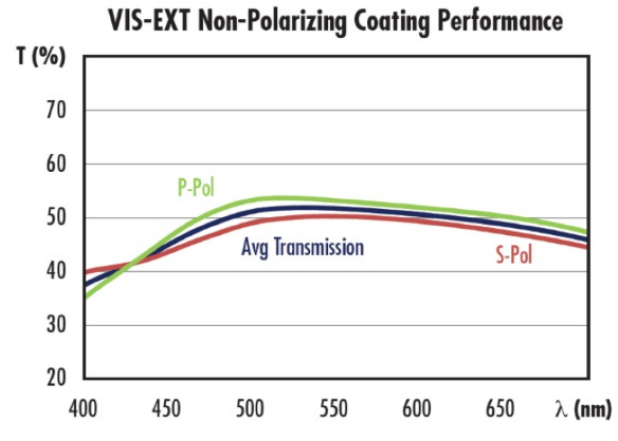
Technical Information











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.**