

**TECHSPEC® 5mm 632nm, Laser Line Non-Polarizing Beamsplitter**



Laser Line Non-Polarizing Cube Beamsplitters



Stock #35-961 **16 In Stock**

⊖ 1 ⊕ £211<sup>20</sup>

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Volume Pricing	
Qty 1-5	£211.20 each
Qty 6-25	£169.60 each
Qty 26-99	£156.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Non-Polarizing Beamsplitter **Type:**

**Physical & Mechanical Properties**

Protective as needed **Bevel:**

90 **Clear Aperture (%):**

Cube **Construction:**

5.0 x 5.0 x 5.0 ± 0.1 **Dimensions (mm):**

## Optical Properties

±2 **Beam Deviation (arcmin):**

<0.25% Reflection on Entrance and Exit Faces **Coating Specification:**

632 **Design Wavelength DWL (nm):**

±5 **Reflection/Transmission Tolerance (%):**

**Substrate:**   
N-BK7

40-20 **Surface Quality:**

<45% ±5% @ DWL **Transmission (%):**

<3% @ DWL **|Ts-Tp|:**

1.50 **Power (fringes) @ 632.8nm:**

0.25 **Irregularity (fringes) @ 632.8nm:**

## Regulatory Compliance

**RoHS 2015:**  
Compliant

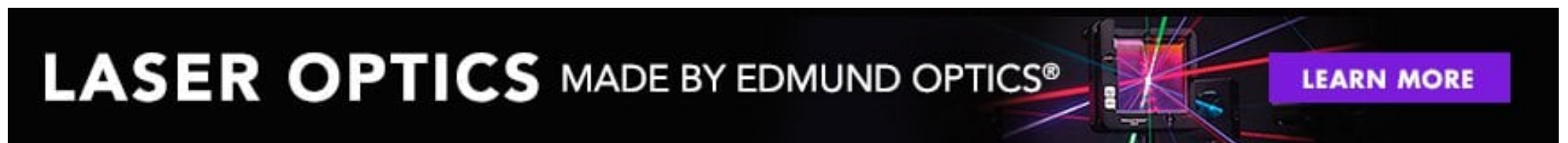
**Reach 219:**  
Compliant

**Certificate of Conformance:**  
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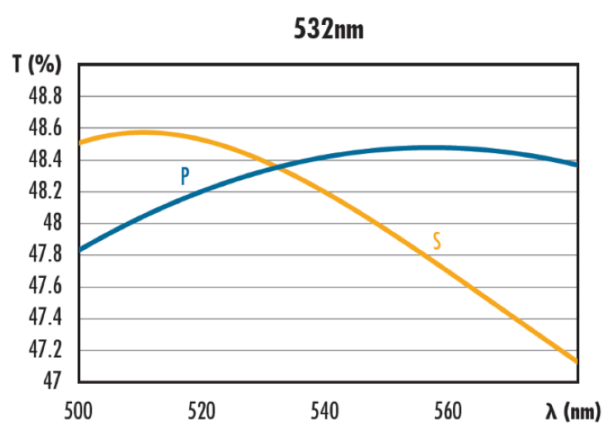
## Product Details

- <3% Transmission Difference for S and P Polarization States
- AR Coated <0.25% on Entrance and Exit Faces
- Nd:YAG and HeNe Options

TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters offer users the ability to split light evenly into orthogonal paths regardless of the incoming polarization state. These cubes are designed with a metallic-dielectric hybrid coating that yields less than a 3% difference in transmission for S-polarized and P-polarized light. These cubes are compatible with common Nd:YAG and HeNe lasers and are available with three beamsplitter coating options at 1064nm, 632nm, and 532nm. Efficiency is enhanced with AR coatings on the entrance and exit faces featuring <0.25% reflection per surface. TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters will displace a beam by less than 2 arcmin, making them easy to integrate into alignment sensitive applications.



## Technical Information



632.8nm



1064nm



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