

TECHSPEC® 12.5mm 632nm, Laser Line Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Cube Beamsplitters



Stock #35-962 **20+ In Stock**

⊖ 1 ⊕ €287⁰⁰

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Volume Pricing	
Qty 1-5	€287,00 each
Qty 6-25	€230,00 each
Qty 26-99	€211,00 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:**

12.5 x 12.5 x 12.5 ±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

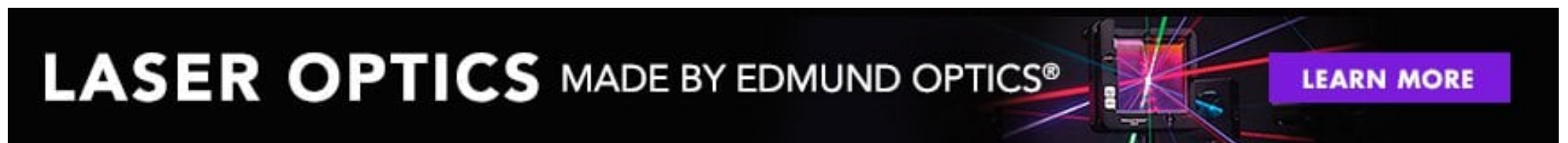
Reach 219:
Compliant

Certificate of Conformance:
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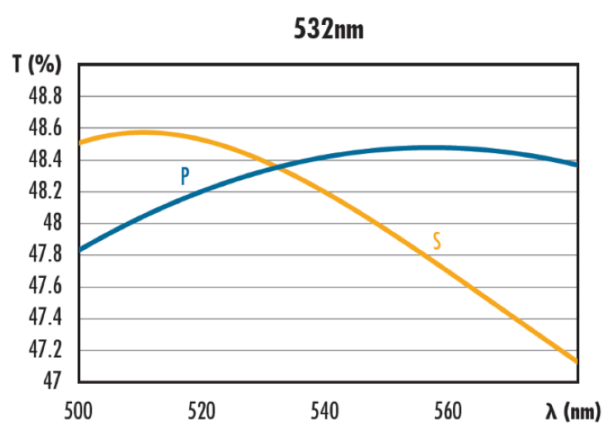
Product Details

- <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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