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TECHSPEC® 5mm 1064nm, Laser Line Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Cube Beamsplitters



Stock #35-964 **20+ In Stock**

⊖ 1 ⊕ A\$422⁰⁰

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Volume Pricing	
Qty 1-5	A\$422.40 each
Qty 6-25	A\$339.20 each
Qty 26-99	A\$312.00 each
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Product Downloads

General

Non-Polarizing Beamsplitter **Type:**

Physical & Mechanical Properties

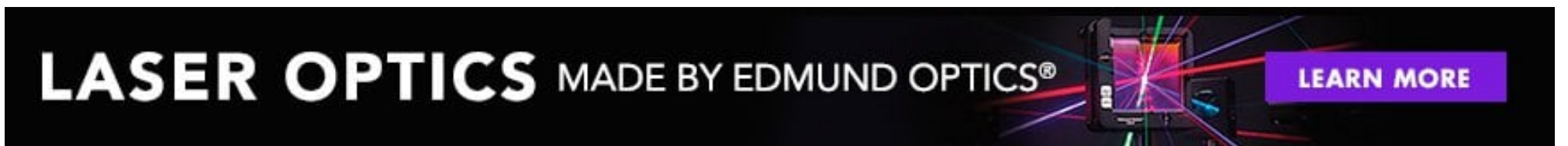
Protective as needed **Bevel:**

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
1064	Design Wavelength DWL (nm)
±5	Reflection/Transmission Tolerance (%)
N-BK7	Substrate: <input type="checkbox"/>
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	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

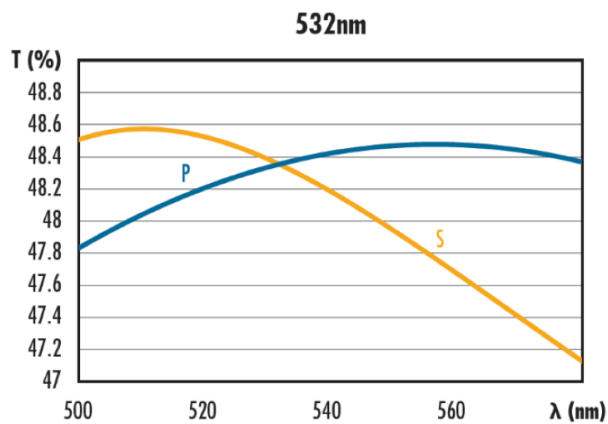
Product Details

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

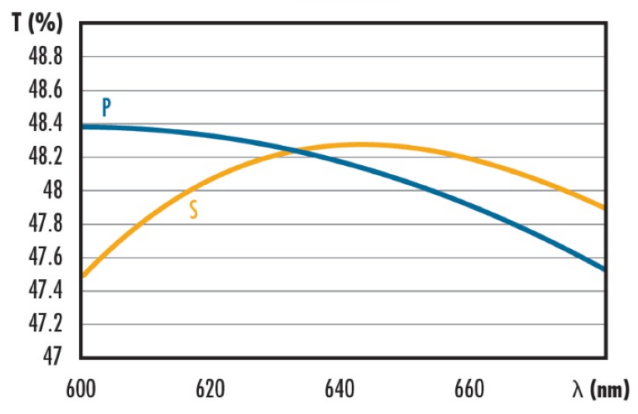
TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters offer users the ability to split light evenly into orthogonal paths regardless of the incoming polarization state. These cubes are designed with a metallic-dielectric hybrid coating that yields less than a 3% difference in transmission for S-polarized 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

