

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



Laser Line Non-Polarizing Cube Beamsplitters



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

- 1 + C\$369.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$369.60 each
Qty 6-25	C\$296.80 each
Qty 26-99	C\$273.00 each
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Product Downloads

**General**

Non-Polarizing Beamsplitter **Type:**

**Physical & Mechanical Properties**

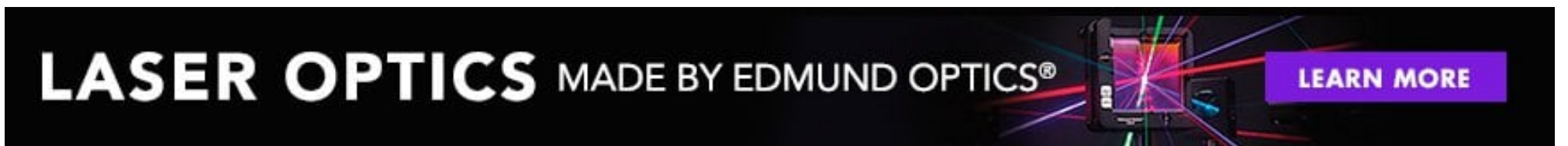
Protective as needed **Bevel:**

90	<b>Clear Aperture (%)</b>
Cube	<b>Construction</b>
5.0 x 5.0 x 5.0 ±0.1	<b>Dimensions (mm)</b>
<b>Optical Properties</b>	
±2	<b>Beam Deviation (arcmin)</b>
<0.25% Reflection on Entrance and Exit Faces	<b>Coating Specification</b>
632	<b>Design Wavelength DWL (nm)</b>
±5	<b>Reflection/Transmission Tolerance (%)</b>
N-BK7	<b>Substrate:</b> <input type="checkbox"/>
40-20	<b>Surface Quality</b>
<45% ±5% @ DWL	<b>Transmission (%)</b>
<3% @ DWL	<b> Ts-Tp </b>
1.50	<b>Power (fringes) @ 632.8nm</b>
0.25	<b>Irregularity (fringes) @ 632.8nm</b>
<b>Regulatory Compliance</b>	
Compliant	<b>RoHS 2015:</b>
Compliant	<b>Reach 219:</b>
View	<b>Certificate of Conformance:</b>

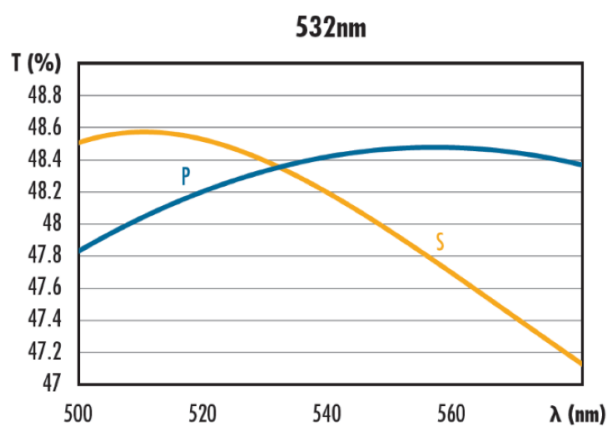
## Product Details

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

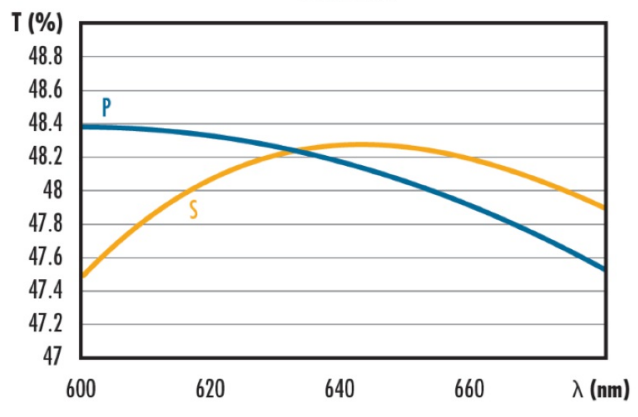
TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters offer users the ability to split light evenly into orthogonal paths regardless of the incoming polarization state. These cubes are designed with a metallic-dielectric hybrid coating that yields less than a 3% difference in transmission for S-polarized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

