

**TECHSPEC® 12.5mm 1064nm, Laser Line Non-Polarizing Beamsplitter**



Laser Line Non-Polarizing Cube Beamsplitters



Stock #35-965 **3 In Stock**

⊖ 1 ⊕ **\$401<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>\$401.80</b> each
Qty 6-25	<b>\$322.00</b> each
Qty 26-99	<b>\$295.40</b> each
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Product Downloads

**General**

Non-Polarizing Beamsplitter **Type:**

**Physical & Mechanical Properties**

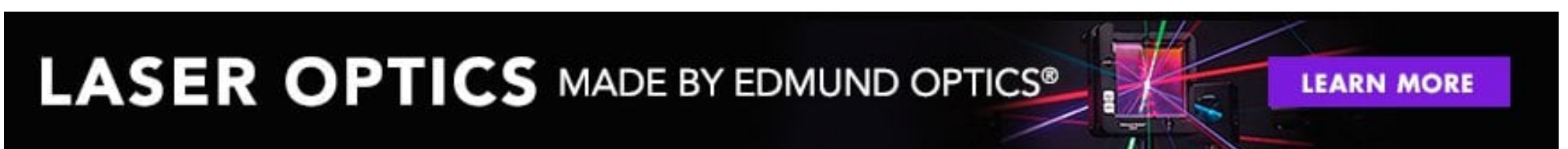
Protective as needed **Bevel:**

90	<b>Clear Aperture (%)</b>
Cube	<b>Construction</b>
12.5 x 12.5 x 12.5 ±0.1	<b>Dimensions (mm)</b>
Optical Properties	
±2	<b>Beam Deviation (arcmin)</b>
<0.25% Reflection on Entrance and Exit Faces	<b>Coating Specification</b>
1064	<b>Design Wavelength DWL (nm)</b>
±5	<b>Reflection/Transmission Tolerance (%)</b>
<a href="#">N-BK7</a>	<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>
Regulatory Compliance	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 219:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

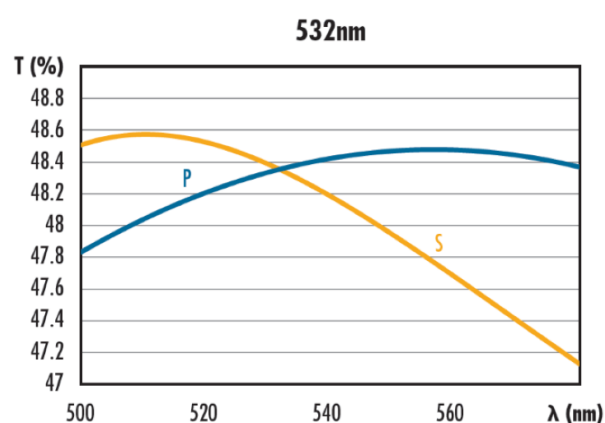
## Product Details

- <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



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