

TECHSPEC[®] 5mm 632.8nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-776** **5 In Stock**

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1

+

A\$422⁴⁰

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Volume Pricing	
Qty 1-5	A\$422.40 each
Qty 6-25	A\$342.40 each
Qty 26-99	A\$310.40 each
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Product Downloads

General	
Linear Polarizer	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
90.00	Clear Aperture (%):

Cube		Construction:
5.0 x 5.0 x 5.0 ±0.1		Dimensions (mm):
Optical Properties		
±3		Beam Deviation (arcmin):
R _{abs} <0.25% @ 632.8nm		Coating Specification:
632.8		Design Wavelength DWL (nm):
1000:1		Extinction Ratio:
>95		P-Polarization Transmission (%):
>99.5		S-Polarization Reflection (%):
N-BK7		Substrate: ☐
40-20		Surface Quality:
1.25		Power (fringes) @ 632.8nm:
0.25		Irregularity (fringes) @ 632.8nm:
Regulatory Compliance		
Compliant		RoHS 2015:
Compliant		Reach 219:
View		Certificate of Conformance:

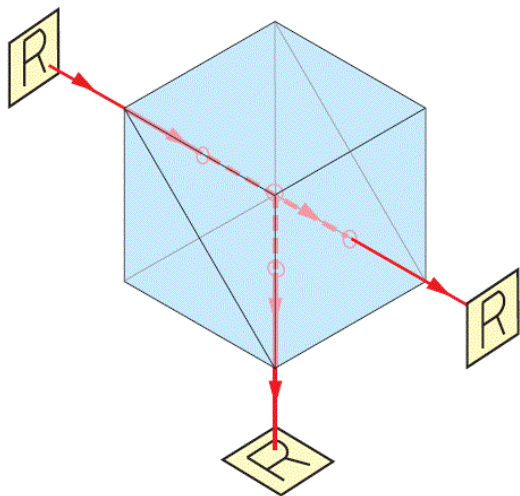
Product Details

- Designed for Common Diode, Gas, and Solid State Lasers
- Reflects S-Polarized Light, Transmits P-Polarized Light
- High Extinction Ratio

TECHSPEC® Laser Line Polarizing Cube Beamsplitters split randomly polarized beams into two orthogonal, linearly polarized components. S-polarized light is reflected at a 90° angle, while P-polarized light is transmitted. The beamsplitters consist of a pair of precision [right angle prisms](#) cemented together to minimize transmitted wavefront distortion, and to provide excellent parallelism between incoming and transmitted beams. TECHSPEC® Laser Line Polarizing Cube Beamsplitters are designed for many common laser wavelengths and have a high extinction ratio. These beamsplitters are designed for common diode, gas, and solid-state laser applications.

LASER OPTICS

MADE BY EDMUND OPTICS®



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Technical Information