

TECHSPEC[®] 10mm 1064nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#48-577** [CONTACT US](#)

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+

S\$374⁸⁷

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Volume Pricing	
Qty 1-5	S\$374.87 each
Qty 6-25	S\$303.18 each
Qty 26-99	S\$274.80 each
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SPECIFICATIONS

General

Type:
Linear Polarizer

Physical & Mechanical Properties

Protective as needed	Bevel:
90.00	Clear Aperture (%):
Cube	Construction:
10.0 x 10.0 x 10.0 ±0.1	Dimensions (mm):
Optical Properties	
±3	Beam Deviation (arcmin):
R _{abs} <0.25% @ 1064nm	Coating Specification:
1064	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.



TECHNICAL INFORMATION

