

TECHSPEC[®] 35mm 850nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock #47-570 14 In Stock

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S\$683²⁰

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Volume Pricing	
Qty 1-5	S\$683.20 each
Qty 6-25	S\$553.00 each
Qty 26-99	S\$502.60 each
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Product Downloads

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

Cube	Construction:
35.0 x 35.0 x 35.0 ±0.1	Dimensions (mm):
Optical Properties	
±3	Beam Deviation (arcmin):
R _{abs} <0.25% @ 850nm	Coating Specification:
850	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

