

TECHSPEC[®] 50mm 632.8nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#48-864** 8 In Stock

-

1

+

€700⁰⁰

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Volume Pricing	
Qty 1-5	€700,00 each
Qty 6-25	€570,00 each
Qty 26-99	€515,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

Clear Aperture (%):

90.00	
Construction:	
Cube	
Dimensions (mm):	
50.0 x 50.0 x 50.0 ±0.1	
Optical Properties	
Beam Deviation (arcmin):	
±3	
Coating Specification:	
R _{abs} <0.25% @ 632.8nm	
Design Wavelength DWL (nm):	
632.8	
Extinction Ratio:	
1000:1	
P-Polarization Transmission (%):	
>95	
S-Polarization Reflection (%):	
>99.5	
Substrate: ☐	
N-BK7	
Surface Quality:	
40-20	
Power (fringes) @ 632.8nm:	
1.25	
Irregularity (fringes) @ 632.8nm:	
0.25	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Reach 219:	
Compliant	
Certificate of Conformance:	
View	

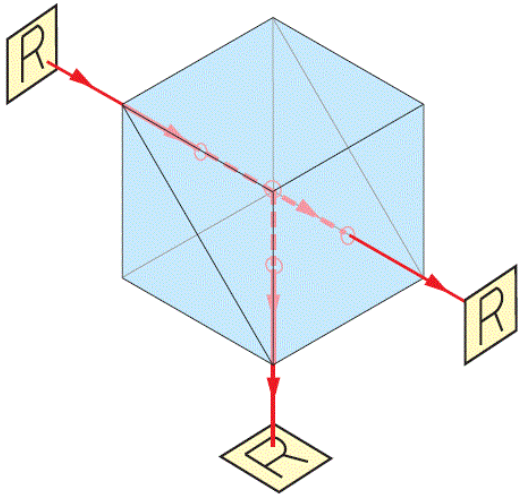
Product Details

- 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®





Technical Information