

TECHSPEC® 12.5mm 850nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#48-867** **20+ In Stock**

MRP ₹28,956

Price inclusive of all taxes

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| Qty 1-5 | ₹28,956 each |
| Qty 6-25 | ₹23,406 each |
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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

Clear Aperture (%):

90.00

Cube

Construction:

Dimensions (mm):

12.5 x 12.5 x 12.5 ±0.1

Optical Properties

±3 Beam Deviation (arcmin):

$R_{\text{rms}} < 0.25\%$ @ 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:

Singapore Country of Origin:

Imported By:
Edmund Optics India Private Limited
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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



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