

TECHSPEC<sup>®</sup> 15mm 632.8nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-125** **7 In Stock**

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1

+

S\$424<sup>15</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | <b>S\$424.15</b> each         |
| Qty 6-25       | <b>S\$343.51</b> each         |
| Qty 26-99      | <b>S\$312.14</b> each         |
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SPECIFICATIONS

General

Linear Polarizer

Type:

Physical & Mechanical Properties

|                                   |                                     |
|-----------------------------------|-------------------------------------|
|                                   |                                     |
| Protective as needed              | Bevel:                              |
| 90.00                             | Clear Aperture (%):                 |
|                                   |                                     |
| Cube                              | Construction:                       |
| 15.0 x 15.0 x 15.0 ±0.1           | Dimensions (mm):                    |
|                                   |                                     |
| Optical Properties                |                                     |
| ±3                                | Beam Deviation (arcmin):            |
| R <sub>abs</sub> <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: <input type="checkbox"/> |
| 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

