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TECHSPEC®

35mm 632.8nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock #47-568 9 In Stock

-

1

+

C\$683<sup>20</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$683.20 each                |
| Qty 6-25       | C\$553.00 each                |
| Qty 26-99      | C\$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 <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="text"/>   |
| 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:       |

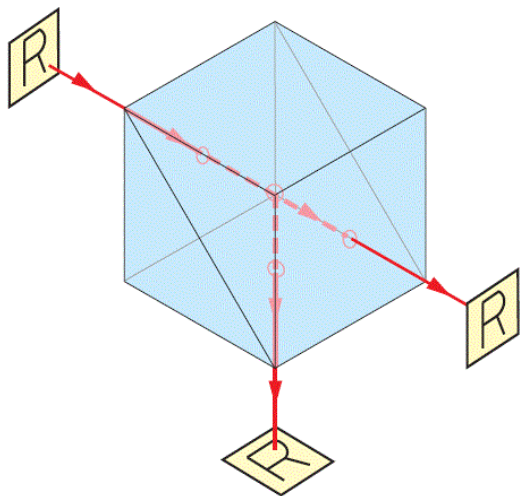
## Product Details

- 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