

TECHSPEC<sup>®</sup> 5mm 780nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-778** 20+ In Stock

-

1

+

A\$422<sup>40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$422.40 each                |
| Qty 6-25       | A\$342.40 each                |
| Qty 26-99      | A\$310.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

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

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Cube                            | Construction:                       |
| 5.0 x 5.0 x 5.0 ±0.1            | Dimensions (mm):                    |
| Optical Properties              |                                     |
| ±3                              | Beam Deviation (arcmin):            |
| R <sub>abs</sub> <0.25% @ 780nm | Coating Specification:              |
| 780                             | 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.

LASER OPTICS

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## Technical Information

