

TECHSPEC<sup>®</sup> 20mm 780nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-782** 5 In Stock

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1

+

S\$442<sup>40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$442.40 each                |
| Qty 6-25       | S\$358.40 each                |
| Qty 26-99      | S\$326.20 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 (%): |

|                                     |  |
|-------------------------------------|--|
| Construction:                       |  |
| Cube                                |  |
| Dimensions (mm):                    |  |
| 20.0 x 20.0 x 20.0 ±0.1             |  |
| Optical Properties                  |  |
| Beam Deviation (arcmin):            |  |
| ±3                                  |  |
| Coating Specification:              |  |
| R <sub>abs</sub> <0.25% @ 780nm     |  |
| Design Wavelength DWL (nm):         |  |
| 780                                 |  |
| Extinction Ratio:                   |  |
| 1000:1                              |  |
| P-Polarization Transmission (%):    |  |
| >95                                 |  |
| S-Polarization Reflection (%):      |  |
| >99.5                               |  |
| Substrate: <input type="checkbox"/> |  |
| N-BK7                               |  |
| Surface Quality:                    |  |
| 40-20                               |  |
| Power (fringes) @ 632.8nm:          |  |
| 1.25                                |  |
| Irregularity (fringes) @ 632.8nm:   |  |
| 0.25                                |  |
| Regulatory Compliance               |  |
| Certificate of Conformance:         |  |
| <a href="#">View</a>                |  |

## 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

