

TECHSPEC<sup>®</sup> 12.5mm 780nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#48-865** **6 In Stock**

-

1

+

£229<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £229.60 each                  |
| Qty 6-25       | £185.60 each                  |
| Qty 26-99      | £168.80 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

Clear Aperture (%):

|                                 |                                     |
|---------------------------------|-------------------------------------|
| 90.00                           |                                     |
| Cube                            | Construction:                       |
| 12.5 x 12.5 x 12.5 ±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

MADE BY EDMUND OPTICS®





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## Technical Information