

**TECHSPEC® 12.5mm 780nm, Laser Line Polarizing Cube Beamsplitter**



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#48-865** [CONTACT US](#)

⊖ 1 ⊕ £229<sup>00</sup>

**ADD TO CART**

| 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> |

**!** 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

**Construction:**

Cube

**Dimensions (mm):**

12.5 x 12.5 x 12.5 ±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:**

N-BK7

**Surface Quality:**

40-20

**Power (fringes) @ 632.8nm:**

1.25

**Irregularity (fringes) @ 632.8nm:**

0.25

**Regulatory Compliance**

**RoHS 2015:**

Compliant

**Reach 219:**

Compliant

**Certificate of Conformance:**

[View](#)

**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**

