

**TECHSPEC® 5mm 850nm, Laser Line Polarizing Cube Beamsplitter**



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock #47-780 **11 In Stock**

MRP ₹26,635

**Price inclusive of all taxes**

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Volume Pricing	
Qty 1-5	₹26,635 each
Qty 6-25	₹21,590 each
Qty 26-99	₹19,573 each
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**General**

Linear Polarizer **Type:**

**Physical & Mechanical Properties**

Protective as needed **Bevel:**

**Clear Aperture (%):**

90.00

**Construction:**

Cube

**Dimensions (mm):**

5.0 x 5.0 x 5.0 ±0.1

### Optical Properties

**Beam Deviation (arcmin):**

±3

**Coating Specification:**

R<sub>abs</sub> <0.25% @ 850nm

**Design Wavelength DWL (nm):**

850

**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](#)

**Country of Origin:**

Singapore

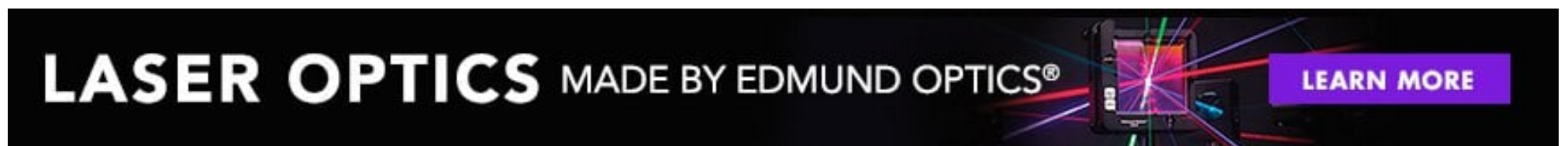
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## Product Details

- 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



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