

TECHSPEC® 5mm 780nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

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

MRP ₹26,635

Price inclusive of all taxes

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| 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

Cube **Construction:**

5.0 x 5.0 x 5.0 ± 0.1 **Dimensions (mm):**

Optical Properties

±3 **Beam Deviation (arcmin):**

$R_{\text{rms}} < 0.25\%$ @ 780nm **Coating Specification:**

780 **Design Wavelength DWL (nm):**

1000:1 **Extinction Ratio:**

>95 **P-Polarization Transmission (%):**

>99.5 **S-Polarization Reflection (%):**

N-BK7 **Substrate:**

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:**

Singapore **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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



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