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TECHSPEC® 10mm 780nm, Laser Line Polarizing Cube Beamsplitter

TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-779** **20+ In Stock**

- 1 + **A$438.40**

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Volume Pricing	
Qty 1-5	**A$438.40** each
Qty 6-25	**A$355.20** each
Qty 26-99	**A$321.60** each
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Product Downloads

General

Type:

Linear Polarizer

Physical & Mechanical Properties

Bevel:

Protective as needed

Clear Aperture (%):

90.00

Construction:
Cube

Dimensions (mm):
10.0 x 10.0 x 10.0 ±0.1

Optical Properties

Beam Deviation (arcmin):
±3

Coating Specification:
R_{abs} <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

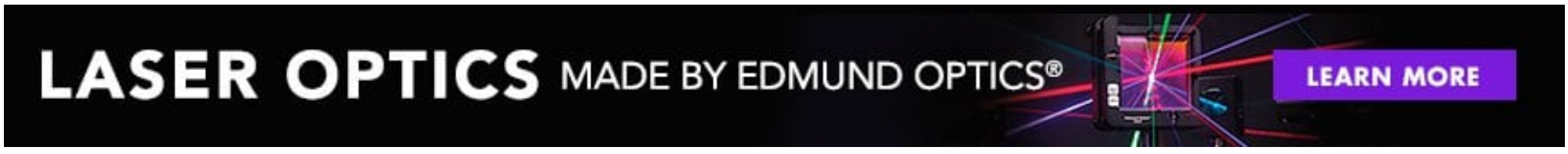
Reach 219:
Compliant

Certificate of Conformance:
View

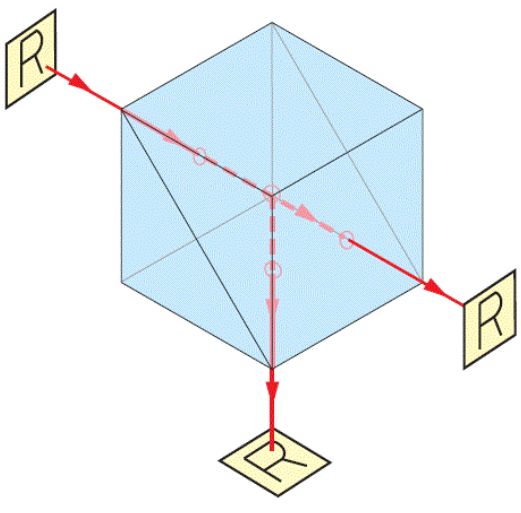
Product Details

- 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



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