

TECHSPEC[®] 20mm 780nm, Laser Line Polarizing Cube Beamsplitter



TECHSPEC Laser Line Polarizing Cube Beamsplitters

Stock **#47-782** **5 In Stock**

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1

+

C\$442⁴⁰

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Volume Pricing	
Qty 1-5	C\$442.40 each
Qty 6-25	C\$358.40 each
Qty 26-99	C\$326.20 each
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Product Downloads

General	
Linear Polarizer	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
90.00	Clear Aperture (%):

Construction:	
Cube	
Dimensions (mm):	
20.0 x 20.0 x 20.0 ±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	
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.

LASER OPTICS

MADE BY EDMUND OPTICS®

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Technical Information

