

TECHSPEC® 20mm, 632.8nm, Lateral Displacement Polarizing Beamsplitter



Lateral Displacement Beamsplitters

Stock **#47-191** **1 In Stock**

⊖ 1 ⊕ C\$1,120.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$1,120.00 each
Qty 6-25	C\$889.00 each
Qty 26-99	C\$826.00 each
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Product Downloads

General

Linear Polarizer **Type:**
Polarizing **Type of Optics:**

Physical & Mechanical Properties

80.00 **Clear Aperture (%):**

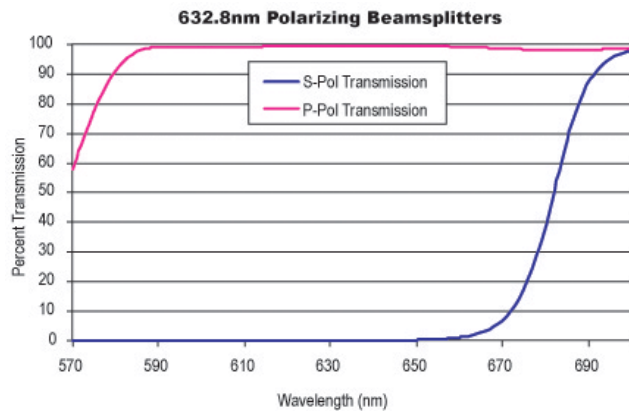
Prism	Construction:
±0.1	Dimensional Tolerance (mm):
<2	Parallelism (arcmin):
Optical Properties	
±5	Angle Tolerance (arcsec):
20.00	Beam Separation (mm):
$R_{\text{RMS}} < 0.3\% @ 632.8\text{nm}$	Coating Specification:
632.8	Design Wavelength DWL (nm):
>1000:1	Extinction Ratio:
>95	P-Polarization Transmission (%):
>99	S-Polarization Reflection (%):
N-BK7	Substrate: <input type="checkbox"/>
$\lambda/8$	Surface Flatness (P-V):
40-20	Surface Quality:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Visible and NIR Coating Options Offered
- Simplifies Benchtop Layout
- Split Incident Beam into Two Displaced Parallel Beams

TECHSPEC® Lateral Displacement Beamsplitters output two parallel beams separated by a fixed distance. The beamsplitters consist of a precision **rhomboid prism** cemented to a $\lambda/8$ **right angle prism**. The high tolerance design ensures the exiting beams are parallel to within 2 arcmin. TECHSPEC® Lateral Displacement Beamsplitters' entrance and exit faces feature a multi-layer anti-reflection (AR) coating for increased efficiency. Polarizing and non-polarizing coatings are available for these beamsplitters.

Technical Information



Size (A)	10mm	20mm
Beam Separation	10mm	20mm

