

**TECHSPEC® 10mm NIR, Lateral Displacement Non-Polarized Beamsplitter**



Lateral Displacement Beamsplitters

Stock **#47-540** **8 In Stock**

⊖ 1 ⊕ **\$938<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>\$938.00</b> each
Qty 6-25	<b>\$749.00</b> each
Qty 26-99	<b>\$684.60</b> each
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**General**

Non-Polarizing Beamsplitter **Type:**

Non-Polarizing **Type of Optics:**

**Physical & Mechanical Properties**

80.00 **Clear Aperture (%):**

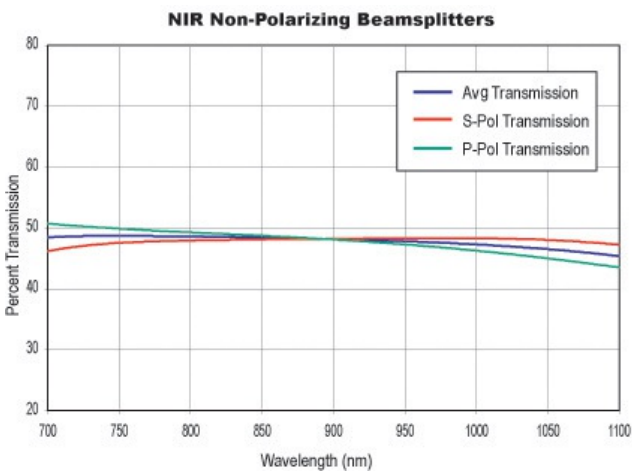
Prism	<b>Construction:</b>
±0.1	<b>Dimensional Tolerance (mm):</b>
<2	<b>Parallelism (arcmin):</b>
<b>Optical Properties</b>	
±5	<b>Angle Tolerance (arcsec):</b>
10.00	<b>Beam Separation (mm):</b>
R <sub>avg</sub> <0.5% @ 720 - 1080nm	<b>Coating Specification:</b>
T <sub>p</sub> - T <sub>s</sub>   <6%	<b>Extinction Ratio:</b>
45.00	<b>P-Polarization Transmission (%):</b>
45.00	<b>S-Polarization Reflection (%):</b>
<b>N-BK7</b>	<b>Substrate:</b> <input type="checkbox"/>
λ/8	<b>Surface Flatness (P-V):</b>
40-20	<b>Surface Quality:</b>
720 - 1080	<b>Wavelength Range (nm):</b>
<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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 λ/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

