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TECHSPEC® 20mm VIS, Lateral Displacement Non-Polarized Beamsplitter



Lateral Displacement Beamsplitters

Stock #47-189 **20+ In Stock**

⊖ 1 ⊕ A\$1,280⁰⁰

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Volume Pricing	
Qty 1-5	A\$1,280.00 each
Qty 6-25	A\$1,016.00 each
Qty 26-99	A\$944.00 each
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General

Non-Polarizing Beamsplitter **Type:**
Non-Polarizing **Type of Optics:**

Physical & Mechanical Properties

80.00 **Clear Aperture (%):**

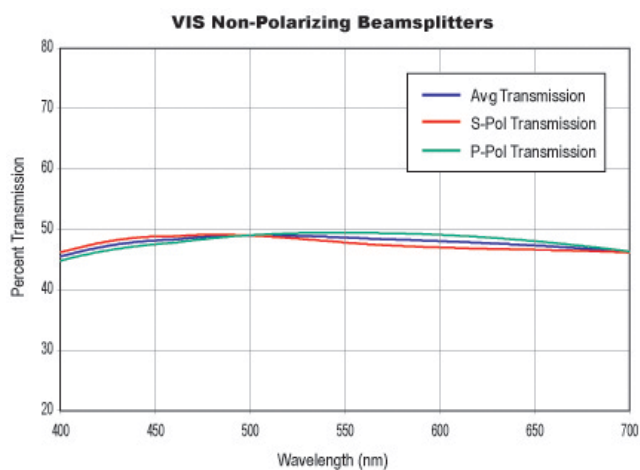
Prism	Construction:
±0.1	Dimensional Tolerance (mm):
<2	Parallelism (arcmin):
Optical Properties	
±5	Angle Tolerance (arcsec):
20.00	Beam Separation (mm):
$R_{avg} < 0.5\%$ @ 430 - 670nm	Coating Specification:
$ T_p - T_s < 6\%$	Extinction Ratio:
45.00	P-Polarization Transmission (%):
±10	Reflection/Transmission Tolerance (%):
45.00	S-Polarization Reflection (%):
N-BK7	Substrate: <input type="checkbox"/>
$\lambda/8$	Surface Flatness (P-V):
40-20	Surface Quality:
430 - 670	Wavelength Range (nm):
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

