

TECHSPEC[®] 20mm NIR, Lateral Displacement Non-Polarized Beamsplitter



Lateral Displacement Beamsplitters

Stock **#47-541** 14 In Stock

-

1

+

£640⁰⁰

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Volume Pricing	
Qty 1-5	£640.00 each
Qty 6-25	£508.00 each
Qty 26-99	£472.00 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Non-Polarizing Beamsplitter

Type:

Non-Polarizing

Type of Optics:

Physical & Mechanical Properties

Clear Aperture (%):

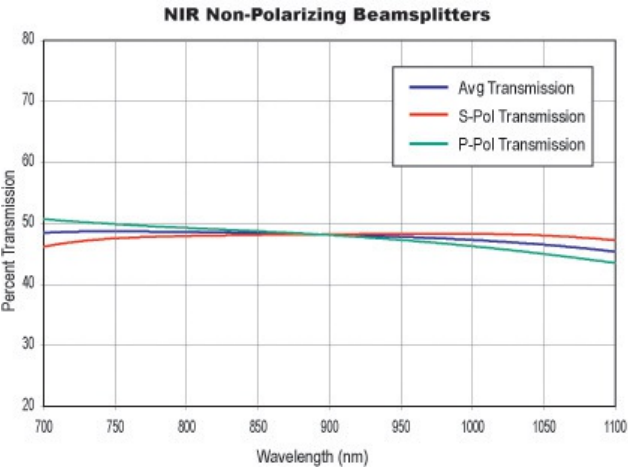
80.00	
Prism	Construction:
±0.1	Dimensional Tolerance (mm):
<2	Parallelism (arcmin):
Optical Properties	
±5	Angle Tolerance (arcsec):
20.00	Beam Separation (mm):
R _{avg} <0.5% @ 720 - 1080nm	Coating Specification:
T _p - T _s <6%	Extinction Ratio:
45.00	P-Polarization Transmission (%):
45.00	S-Polarization Reflection (%):
N-BK7	Substrate: ☐
λ/8	Surface Flatness (P-V):
40-20	Surface Quality:
720 - 1080	Wavelength Range (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
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

