

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



Lateral Displacement Beamsplitters

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

-

1

+

₹66,150

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Volume Pricing	
Qty 1-5	₹66,150 each
Qty 6-25	₹52,650 each
Qty 26-99	₹48,600 each
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SPECIFICATIONS

General

Non-Polarizing Beamsplitter

Type:

Type of Optics:

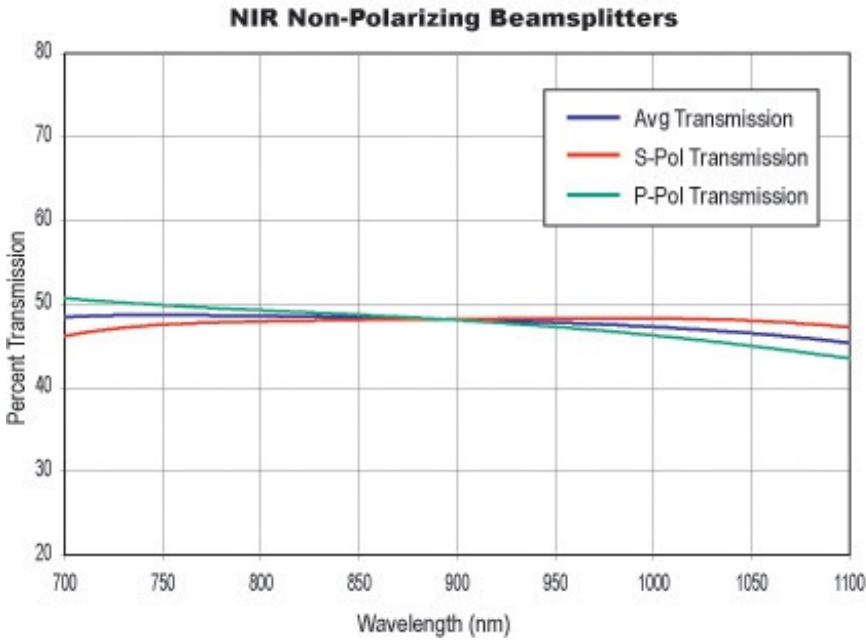
Non-Polarizing	
Physical & Mechanical Properties	
80.00	Clear Aperture (%):
Prism	Construction:
Dimensional Tolerance (mm):	
±0.1	
Parallelism (arcmin):	
<2	
Optical Properties	
±5	Angle Tolerance (arcsec):
20.00	Beam Separation (mm):
Coating Specification:	
R _{avg} <0.5% @ 720 - 1080nm	
Extinction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

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
