

TECHSPEC[®] 10mm VIS, Lateral Displacement Non-Polarized Beamsplitter



Lateral Displacement Beamsplitters

Stock **#47-188** 20+ In Stock

-

1

+

£536⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£536.00 each
Qty 6-25	£428.00 each
Qty 26-99	£391.20 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Non-Polarizing Beamsplitter

Type:

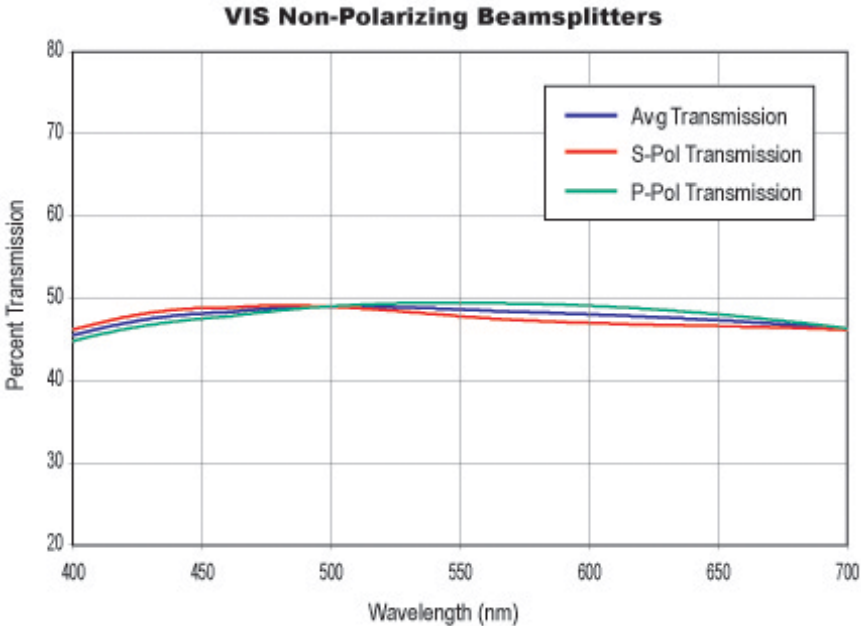
Non-Polarizing		Type of Optics:
Physical & Mechanical Properties		
Clear Aperture (%):		80.00
Construction:		Prism
Dimensional Tolerance (mm):		
		±0.1
Parallelism (arcmin):		<2
Optical Properties		
Angle Tolerance (arcsec):		±5
Beam Separation (mm):		10.00
Coating Specification:		
		R _{avg} <0.5% @ 430 - 670nm
Extinction Ratio:		
		T _p - T _s <6%
P-Polarization Transmission (%):		
		45.00
Reflection/Transmission Tolerance (%):		
		±10
S-Polarization Reflection (%):		
		45.00
Substrate: ☐		N-BK7
Surface Flatness (P-V):		
		λ/8
Surface Quality:		
		40-20
Wavelength Range (nm):		
		430 - 670
Regulatory Compliance		
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 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

