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TECHSPEC®

10mm, 632.8nm, Lateral Displacement Polarizing Beamsplitter



Lateral Displacement Beamsplitters

Stock **#47-190** 1 In Stock

-

1

+

£536⁰⁰

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

Product Downloads

General

Type:

Linear Polarizer

Type of Optics:

Polarizing

Physical & Mechanical Properties

Clear Aperture (%):

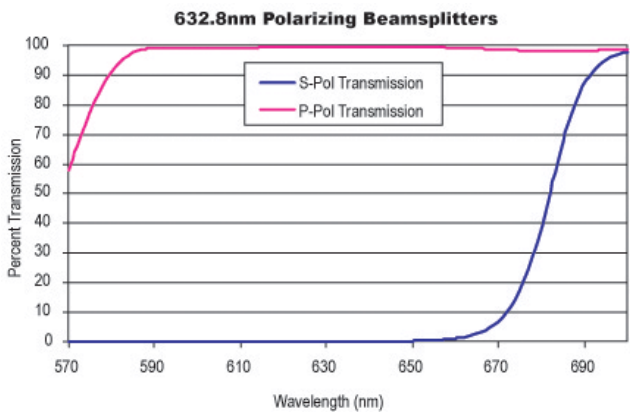
80.00	
Prism	Construction:
±0.1	Dimensional Tolerance (mm):
<2	Parallelism (arcmin):
Optical Properties	
±5	Angle Tolerance (arcsec):
10.00	Beam Separation (mm):
R _{abs} <0.3% @ 632.8nm	Coating Specification:
632.8	Design Wavelength DWL (nm):
>1000:1	Extinction Ratio:
>95	P-Polarization Transmission (%):
±10	Reflection/Transmission Tolerance (%):
>99	S-Polarization Reflection (%):
N-BK7	Substrate: 
λ/8	Surface Flatness (P-V):
40-20	Surface Quality:
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

