

TECHSPEC[®] 5mm 1064nm, Laser Line Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Cube Beamsplitters



Stock **#35-964** 20+ In Stock

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1

+

A\$422⁴⁰

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Volume Pricing	
Qty 1-5	A\$422.40 each
Qty 6-25	A\$339.20 each
Qty 26-99	A\$312.00 each
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Product Downloads

General

Non-Polarizing Beamsplitter

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

90	Clear Aperture (%):
Cube	Construction:
5.0 x 5.0 x 5.0 ±0.1	Dimensions (mm):
Optical Properties	
±2	Beam Deviation (arcmin):
<0.25% Reflection on Entrance and Exit Faces	Coating Specification:
1064	Design Wavelength DWL (nm):
±5	Reflection/Transmission Tolerance (%):
N-BK7	Substrate: ☐
40-20	Surface Quality:
<45% ±5% @ DWL	Transmission (%):
<3% @ DWL	Ts-Tp :
1.50	Power (fringes) @ 632.8nm:
0.25	Irregularity (fringes) @ 632.8nm:
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

Product Details

- <3% Transmission Difference for S and P Polarization States
- AR Coated <0.25% on Entrance and Exit Faces
- Nd:YAG and HeNe Options

TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters offer users the ability to split light evenly into orthogonal paths regardless of the incoming polarization state. These cubes are designed with a metallic-dielectric hybrid coating that yields less than a 3% difference in transmission for S-polarized and P-polarized light. These cubes are compatible with common Nd:YAG and HeNe lasers and are available with three beamsplitter coating options at 1064nm, 632nm, and 532nm. Efficiency is enhanced with AR coatings on the entrance and exit faces featuring <0.25% reflection per surface. TECHSPEC® Laser Line Non-Polarizing Cube Beamsplitters will displace a beam by less than 2 arcmin, making them easy to integrate into alignment sensitive applications.



Technical Information



