

TECHSPEC<sup>®</sup> 25mm 1064nm, Laser Line Non-Polarizing Beamsplitter



Laser Line Non-Polarizing Cube Beamsplitters



Stock #35-966 11 In Stock

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+

€313<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €313,00 each                  |
| Qty 6-25       | €251,00 each                  |
| Qty 26-99      | €230,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Non-Polarizing Beamsplitter

Type:

Physical & Mechanical Properties

|                         |                     |
|-------------------------|---------------------|
| Protective as needed    | Bevel:              |
| 90                      | Clear Aperture (%): |
| Cube                    | Construction:       |
| 25.0 x 25.0 x 25.0 ±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: <input type="checkbox"/>    |
| 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.

LASER OPTICS

MADE BY EDMUND OPTICS®



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Technical Information



