

TECHSPEC<sup>®</sup> 5mm 532nm, Laser Line Non-Polarizing Cube Beamsplitter



Laser Line Non-Polarizing Cube Beamsplitters



Stock **#35-958** **5 In Stock**

-

1

+

£211<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £211.20 each                  |
| Qty 6-25       | £169.60 each                  |
| Qty 26-99      | £156.00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Non-Polarizing Beamsplitter

Type:

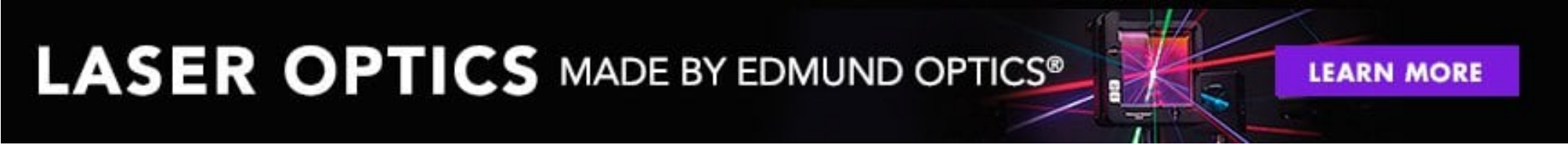
Physical & Mechanical Properties

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| Protective as needed                         | Bevel:                                 |
| 90                                           | Clear Aperture (%):                    |
| Cube                                         | Construction:                          |
| 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:                 |
| 532                                          | 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.



## Technical Information

