

TECHSPEC<sup>®</sup> 15mm 50R/50T NIR Cube Beamsplitter



Stock **#14-641** 17 In Stock

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+

C\$331<sup>.80</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$331.80 each                |
| Qty 6-25       | C\$266.00 each                |
| Qty 26-99      | C\$245.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |               |
|----------------------------------|---------------|
| Standard Beamsplitter            | Type:         |
| Physical & Mechanical Properties |               |
| Protective as needed             | Bevel:        |
| Cube                             | Construction: |

|                                                                                          |                                        |
|------------------------------------------------------------------------------------------|----------------------------------------|
| 15.0 x 15.0 x 15.0 ±0.10                                                                 | Dimensions (mm):                       |
| Optical Properties                                                                       |                                        |
| ±3                                                                                       | Beam Deviation (arcmin):               |
| Coating:<br>λ/4 MgF <sub>2</sub> @ 900nm on Faces<br>Multilayer Dielectric on Hypotenuse |                                        |
| 50/50                                                                                    | Reflection/Transmission Ratio (R/T):   |
| ±5                                                                                       | Reflection/Transmission Tolerance (%): |
| N-BK7                                                                                    | Substrate: <input type="text"/>        |
| 40-20                                                                                    | Surface Quality:                       |
| 700 - 1100                                                                               | Wavelength Range (nm):                 |
| 1.25                                                                                     | Power (fringes) @ 632.8nm:             |
| 0.25                                                                                     | Irregularity (fringes) @ 632.8nm:      |
| Regulatory Compliance                                                                    |                                        |
| Compliant                                                                                | RoHS 2015:                             |
| Compliant                                                                                | Reach 223:                             |
| View                                                                                     | Certificate of Conformance:            |

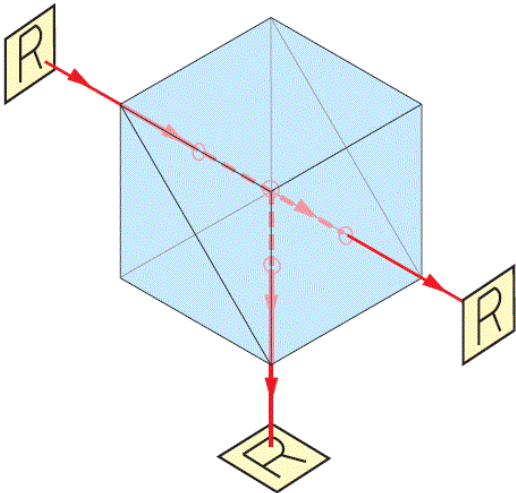
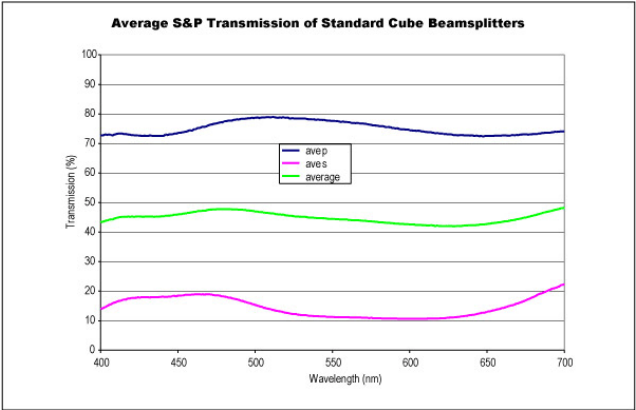
## Product Details

- Multi-Layer Dielectric Coating
- Available in 30/70, 70/30, or 50/50 Split Ratios
- Optimal for Applications Insensitive to Polarization

TECHSPEC® Cube Beamsplitters are constructed by cementing two right angle prisms together and are offered in a range of reflection/transmission ratios. Output is partially polarized, making this product suitable for illumination and other applications where polarization is not a concern. TECHSPEC® Cube Beamsplitters feature an interference coating which is applied to the hypotenuse surface of one of the prisms to provide the designated reflection/transmission ratio with minimal absorption loss.

**Note:** If polarization sensitivity is critical to your application, we recommend using [TECHSPEC® Polarizing Beamsplitters](#) or [TECHSPEC® Non-Polarizing Beamsplitters](#).

## Technical Information



# Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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