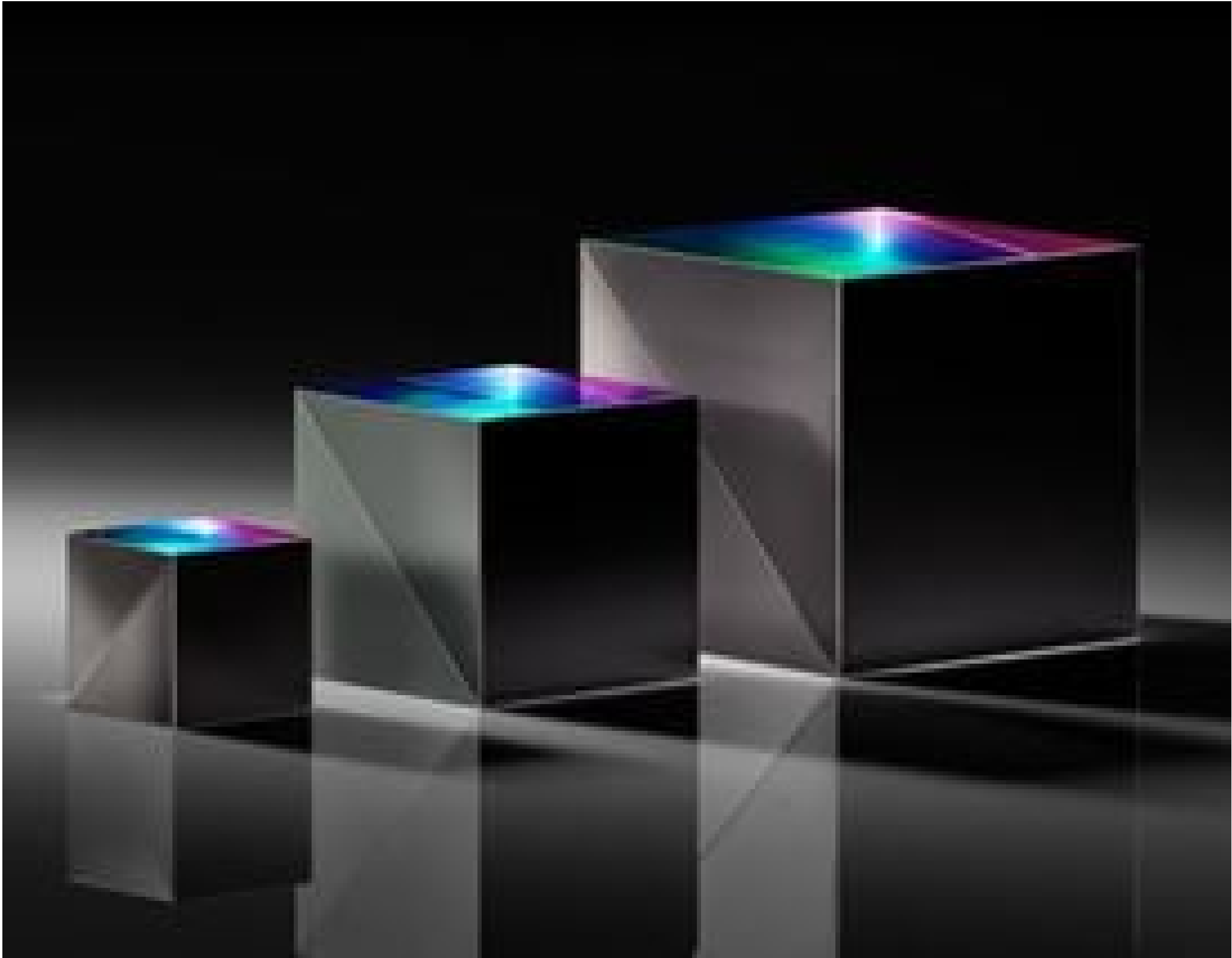


TECHSPEC<sup>®</sup> 50mm VIS, 50R/50T, Non-Polarizing In-Line Cube Beamsplitter



Stock **#20-098** 20+ In Stock

-

1

+

A\$1,184<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$1,184.00 each              |
| Qty 6-25       | A\$1,008.00 each              |
| Qty 26-99      | A\$872.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Note:  
Absorptive Surface Treatment on Blackened Face

Type:  
Non-Polarizing Beamsplitter

Physical & Mechanical Properties

Bevel:  
Protective as needed

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| >90                                  | Clear Aperture (%):                  |
| Cube                                 | Construction:                        |
| 50.0 x50.0 x50.0                     | Dimensions (mm):                     |
| Optical Properties                   |                                      |
| ≤2                                   | Beam Deviation (arcmin):             |
| VS                                   | Coating:                             |
| R <sub>avg</sub> <0.5% @ 430 - 670nm | Coating Specification:               |
| 50/50                                | Reflection/Transmission Ratio (R/T): |
| N-BK7                                | Substrate: □                         |
| 40-20                                | Surface Quality:                     |
| 430 - 670                            | Wavelength Range (nm):               |
| <6%                                  | Ts-Tp :                              |
| 45 ±10                               | Absolute Transmission (%):           |
| 45 ±5                                | Average Transmission (%):            |
| 1.25                                 | Power (fringes) @ 632.8nm:           |
| 0.25                                 | Irregularity (fringes) @ 632.8nm:    |
| Regulatory Compliance                |                                      |
| Compliant                            | RoHS 2015:                           |
| View                                 | Certificate of Conformance:          |
| Compliant                            | Reach 247:                           |

## Product Details

- Significantly Reduces Glare and Interference
- 50/50 Reflection/Transmission Ratio
- Ideal for In-Line Illumination

TECHSPEC® Non-Polarizing In-Line Cube Beamsplitters are specialized versions of [TECHSPEC® Broadband Non-Polarizing Cube Beamsplitters](#) that include a proprietary surface treatment on one surface. This feature reduces glare, interference artifacts, and improves image contrast. These cube beamsplitters are ideal for in-line illumination applications and are particularly useful in a wide range of applications that are sensitive to ghost reflections. TECHSPEC® Non-Polarizing In-Line Cube Beamsplitters are constructed from high tolerance right angle prisms and are Broadband Anti-Reflection (BBAR) coated to maximize transmission at specified wavelengths. These beamsplitters are spectrally flat within their design wavelength range, reducing undesirable effects caused by changes in the angle of incidence or converging/diverging beams.

## 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](#).