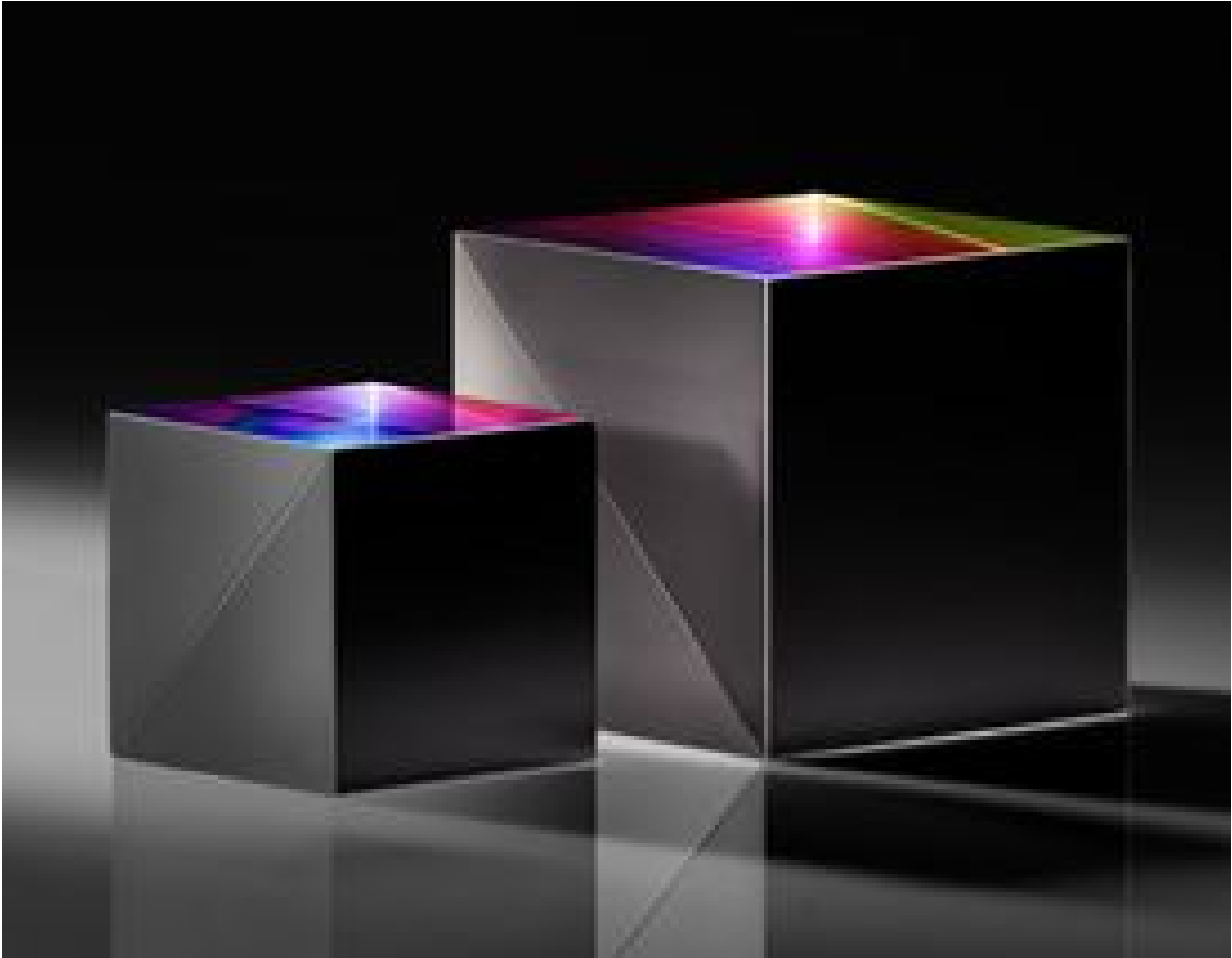


TECHSPEC<sup>®</sup> 10mm 30R/70T In-Line Cube Beamsplitter



Stock #20-173 20+ In Stock

-

1

+

€215<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €215,00 each                  |
| Qty 6-25       | €182,00 each                  |
| Qty 26-99      | €158,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Note:  
Absorptive Surface Treatment on Blackened Face

Type:  
Standard Beamsplitter

Physical & Mechanical Properties

Bevel:  
Protective as needed

|                                                                           |                                      |
|---------------------------------------------------------------------------|--------------------------------------|
| >90                                                                       | Clear Aperture (%):                  |
| Cube                                                                      | Construction:                        |
| 10.0 x 10.0 x 10.0                                                        | Dimensions (mm):                     |
| Optical Properties                                                        |                                      |
| ≤3                                                                        | Beam Deviation (arcmin):             |
| λ/4 MgF <sub>2</sub> @ 550nm on Faces Multilayer Dielectric on Hypotenuse | Coating:                             |
| 30/70                                                                     | Reflection/Transmission Ratio (R/T): |
| N-BK7                                                                     | Substrate: □                         |
| 60-40                                                                     | Surface Quality:                     |
| 400 - 700                                                                 | Wavelength Range (nm):               |
| 70±5 @550nm                                                               | Absolute Transmission (%):           |
| 70 ±10 from 400-700nm                                                     | Average Transmission (%):            |
| 1.25                                                                      | Power (fringes) @ 632.8nm:           |
| 0.25                                                                      | Irregularity (fringes) @ 632.8nm:    |
| Regulatory Compliance                                                     |                                      |
| View                                                                      | Certificate of Conformance:          |

## Product Details

- Significantly Reduces Glare and Interference
- 30/70 Reflection/Transmission Ratio
- Ideal for In-Line Illumination
- [Cube Beamsplitters](#) Also Available

TECHSPEC® In-Line Illumination Cube Beamsplitters are specialized versions of [TECHSPEC® Cube Beamsplitters](#) that include a proprietary surface treatment on one surface. This feature reduces glare, interference artifacts, and improves image contrast. Output is partially polarized, making TECHSPEC® In-Line Illumination Cube Beamsplitters suitable for illumination, specifically in applications sensitive to ghost reflections, and other applications where polarization is not a concern. TECHSPEC® In-Line Illumination Cube Beamsplitters feature an interference coating applied to the hypotenuse of one of the prisms to provide the designated reflection/transmission ratio. Absorption loss to the coating is minimal.

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

## 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](#).