

TECHSPEC[®] 15mm 30R/70T In-Line Cube Beamsplitter



Stock **#20-174** 20+ In Stock

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1

+

£196^{.99}

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Volume Pricing	
Qty 1-5	£196.99 each
Qty 6-25	£167.22 each
Qty 26-99	£143.58 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Note:

Absorptive Surface Treatment on Blackened Face

Standard Beamsplitter	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
>90	Clear Aperture (%):
Cube	Construction:
15.0 x 15.0 x 15.0	Dimensions (mm):
Optical Properties	
≤3	Beam Deviation (arcmin):
M4 MgF ₂ @ 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](#).