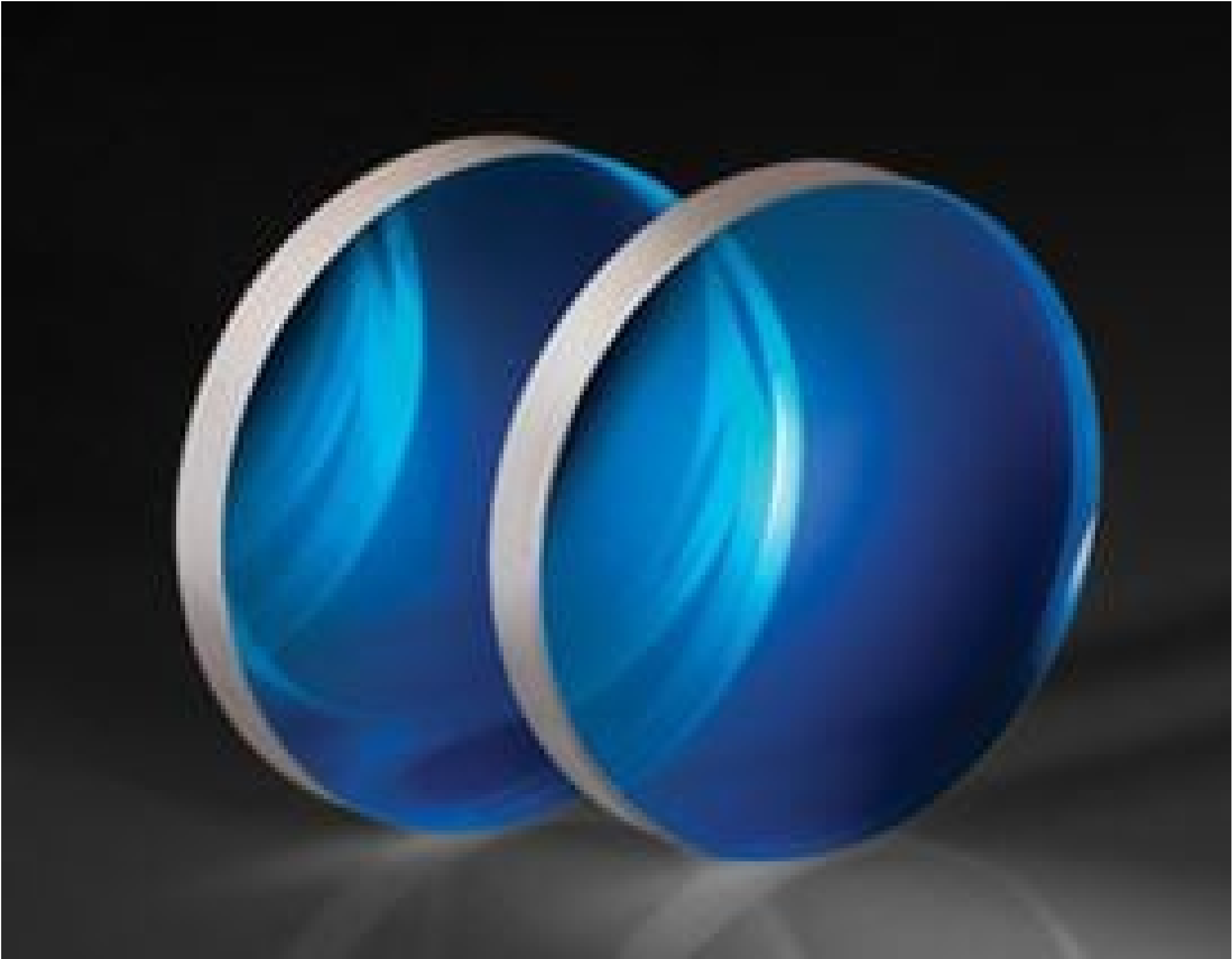


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TECHSPEC<sup>®</sup>

25mm Diameter 70R/30T, VIS  $\lambda$ /10 Plate Beamsplitter



TECHSPEC<sup>®</sup>  $\lambda$ /10 Plate Beamsplitters

Stock **#34-414** **9 In Stock**

-

1

+

C\$310<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$310.80 each                |
| Qty 6-49       | C\$247.80 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

Standard Beamsplitter

Physical & Mechanical Properties

Construction:

Plate

Diameter (mm):

25.00

Dimensional Tolerance (mm):

|                                                                        |                                      |
|------------------------------------------------------------------------|--------------------------------------|
| ±0.10                                                                  |                                      |
| Protective Bevel as needed                                             | Edges:                               |
|                                                                        |                                      |
| 3.00 ±0.20                                                             | Thickness (mm):                      |
|                                                                        |                                      |
| 30 arcmin                                                              | Wedge Angle (arcmin):                |
|                                                                        |                                      |
| Optical Properties                                                     |                                      |
|                                                                        |                                      |
| Coating Specification:                                                 |                                      |
| Surface 1: 70/30 ±5% @ 550nm, ±10% @ 400 - 700nm                       |                                      |
| Surface 2: AR R <sub>avg</sub> ≤1%, R <sub>abs</sub> ≤2% @ 400 - 700nm |                                      |
|                                                                        |                                      |
| 70/30                                                                  | Reflection/Transmission Ratio (R/T): |
|                                                                        |                                      |
| Fused Silica (Corning 7980)                                            | Substrate: □                         |
|                                                                        |                                      |
| λ/10                                                                   | Surface Flatness (P-V):              |
|                                                                        |                                      |
| 20-10                                                                  | Surface Quality:                     |
|                                                                        |                                      |
| 400 - 700                                                              | Wavelength Range (nm):               |

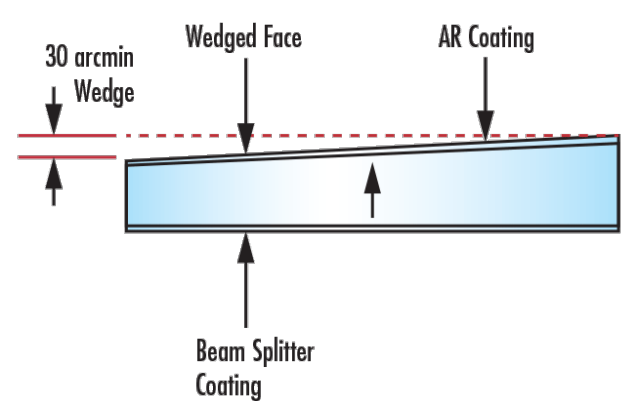
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
|                       |                             |
| Compliant             | RoHS 2015:                  |
|                       |                             |
| View                  | Certificate of Conformance: |
|                       |                             |
| Compliant             | Reach 235:                  |

## Product Details

- 30 Arcminute Wedge to Minimize Internal Interference
- Wide Range of Splitting Ratios
- Fused Silica Substrate

TECHSPEC® λ/10 Plate Beamsplitters are designed for use with a 45 degree angle of incidence and random polarization. With a featured 30 arcminute wedge, the effects of internal interference are minimized. Each beamsplitter also includes a multi-layer anti-reflection (AR) coating on the back-surface. TECHSPEC® λ/10 Plate Beamsplitters have been optimized for the visible spectrum and are offered in a variety of splitting ratios. These beamsplitters are ideal for laser applications due to the wedged design and high quality Fused Silica substrate.

## 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](#).

## Compatible Mounts