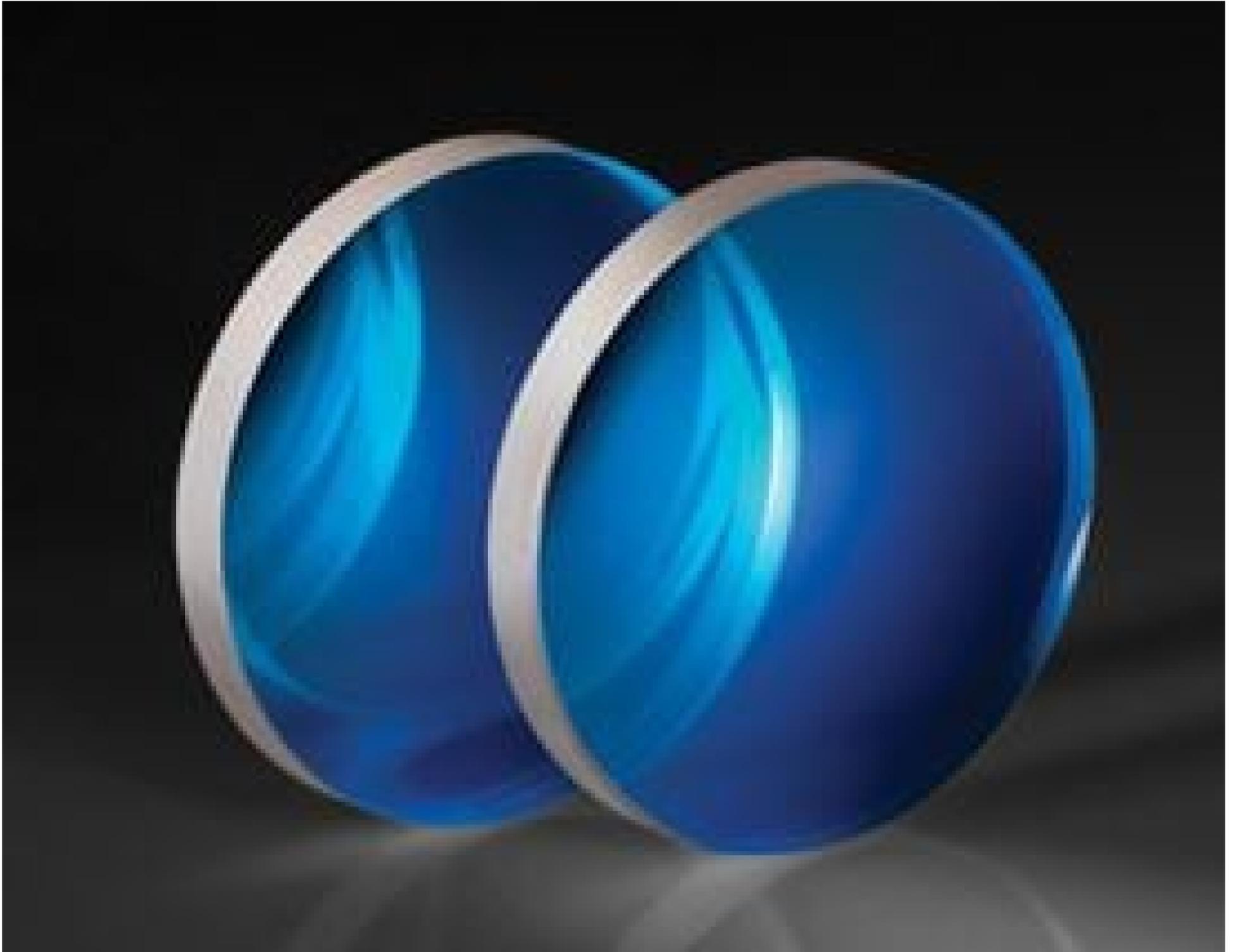


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**TECHSPEC® 50mm Diameter 70R/30T, VIS  $\lambda$ /10 Plate Beamsplitter**



TECHSPEC®  $\lambda$ /10 Plate Beamsplitters

Stock #34-417 **20+ In Stock**

⊖ 1 ⊕ €307<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€307,00 each
Qty 6-49	€246,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Standard Beamsplitter **Type:**

**Physical & Mechanical Properties**

Plate **Construction:**

50.00 **Diameter (mm):**

±0.10 **Dimensional Tolerance (mm):**

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  $R_{avg} \leq 1\%$ ,  $R_{abs} \leq 2\%$  @ 400 - 700nm

70/30 **Reflection/Transmission Ratio (R/T):**

Fused Silica (Corning 7980) **Substrate:** □

M10 **Surface Flatness (P-V):**

20-10 **Surface Quality:**

400 - 700 **Wavelength Range (nm):**

## Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

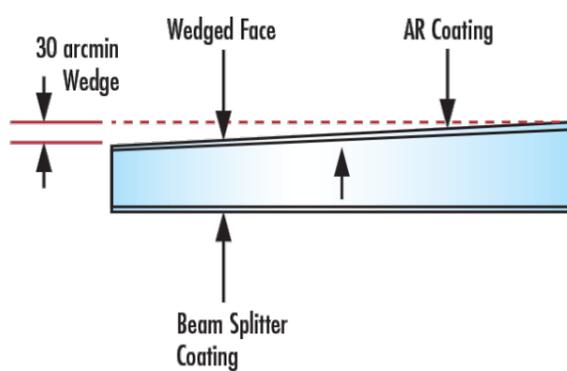
Compliant **Reach 235:**

## Product Details

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

TECHSPEC® M10 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® M10 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

