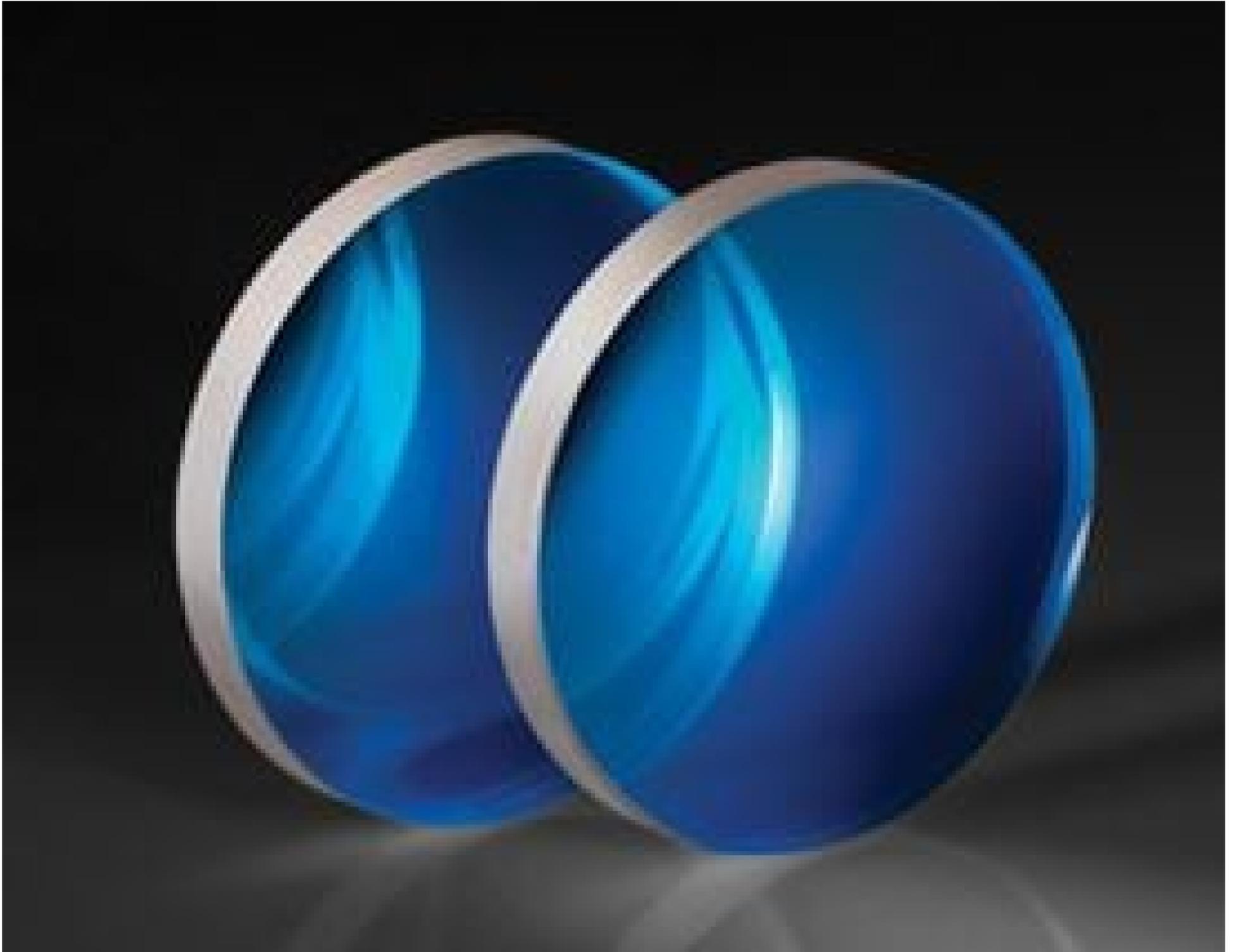


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**TECHSPEC® 25mm Diameter 50R/50T, VIS Wedged Plate Beamsplitter**



TECHSPEC® M10 Plate Beamsplitters

Stock **#34-413** [CONTACT US](#)

⊖ 1 ⊕ ₹18,360

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹18,360 each
Qty 6-49	₹14,670 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Standard Beamsplitter **Type:**

**Physical & Mechanical Properties**

Plate **Construction:**

25.00 **Diameter (mm):**

**Dimensional Tolerance (mm):**

±0.10

**Edges:**

Protective Bevel as needed

**Thickness (mm):**

3.00 ±0.20

**Wedge Angle (arcmin):**

30 arcmin

## Optical Properties

**Coating Specification:**

Surface 1: 50/50 ±5% @550nm, ±10% @400 - 700nm

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

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

50/50

**Substrate:** □

Fused Silica (Corning 7980)

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

λ/10

**Surface Quality:**

20-10

**Wavelength Range (nm):**

400 - 700

## Regulatory Compliance

**RoHS 2015:**

Compliant

**Certificate of Conformance:**

[View](#)

**Reach 235:**

Compliant

**Country of Origin:**

United States

**Importer:**

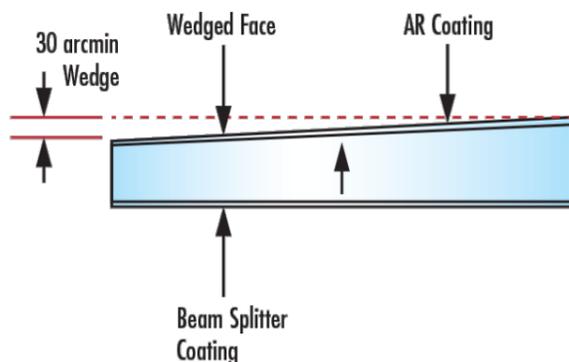
Edmund Optics India Private Limited

## Product Details

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

TECHSPEC® λ/10 Plate Beam Splitters 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 Beam Splitters 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

