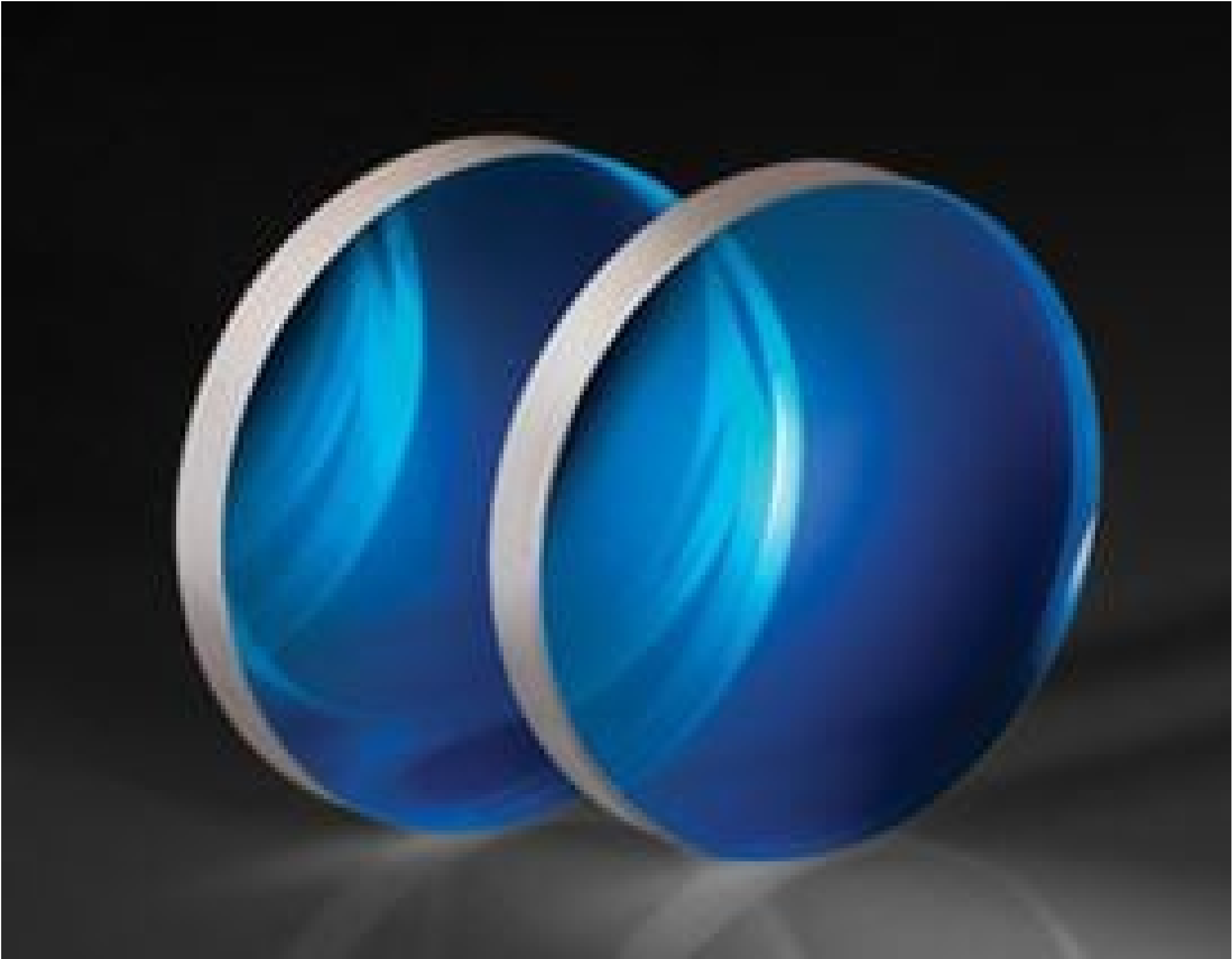


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TECHSPEC[®]

50mm Diameter 70R/30T, VIS λ /10 Plate Beamsplitter



TECHSPEC[®] λ /10 Plate Beamsplitters

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

-

1

+

A\$491²⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$491.20 each
Qty 6-49	A\$393.60 each
Need More?	Request Quote

Product Downloads

General

Type:

Standard Beamsplitter

Physical & Mechanical Properties

Construction:

Plate

Diameter (mm):

50.00

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 _{avg} ≤1%, R _{abs} ≤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):

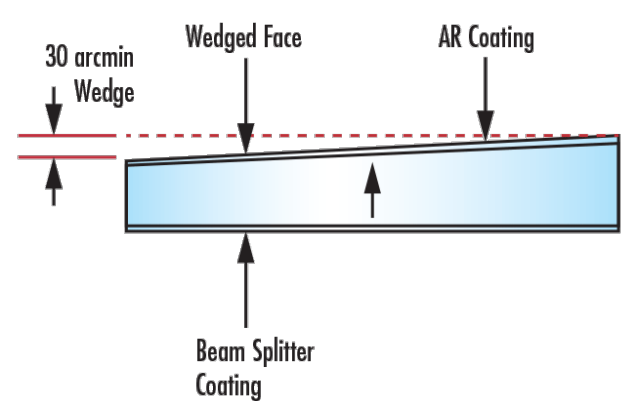
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

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

