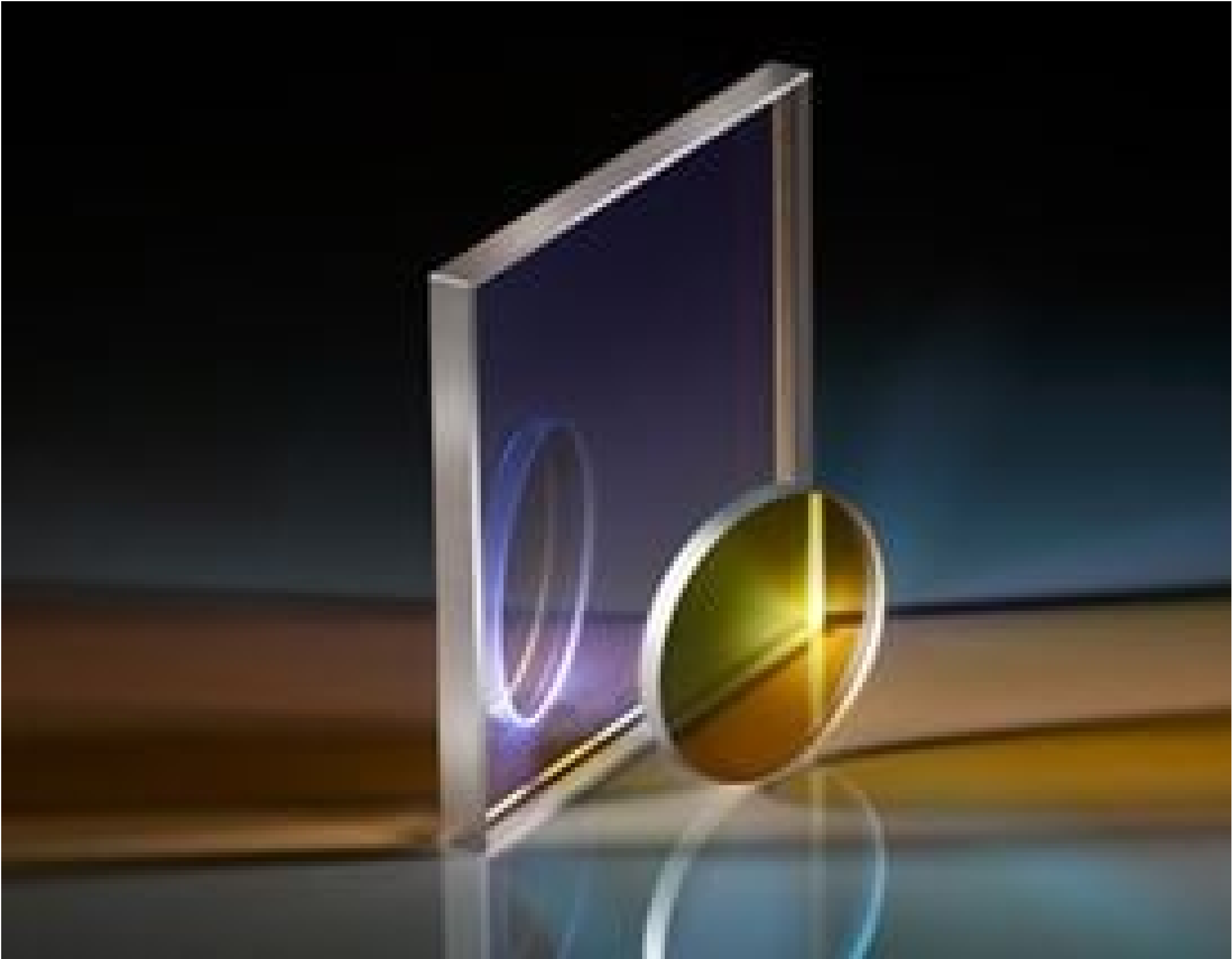


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TECHSPEC®

30R/70T 12.5mm Dia., UV Plate Beamsplitter



TECHSPEC® UV Plate Beamsplitters

Stock **#48-194** 20+ In Stock

-

1

+

C\$176<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$176.40 each                |
| Qty 6-25       | C\$140.00 each                |
| Qty 26-99      | C\$128.10 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                     |
|----------------------------------|---------------------|
| Standard Beamsplitter            | Type:               |
| Physical & Mechanical Properties |                     |
| >85                              | Clear Aperture (%): |
| Plate                            | Construction:       |

|                   |                       |
|-------------------|-----------------------|
| 12.50 +0.00/-0.20 | Diameter (mm):        |
| <5                | Parallelism (arcmin): |
| 2.00 ±0.38        | Thickness (mm):       |

Optical Properties

|                                                                                                                                                                                                                                                                                                    |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 45                                                                                                                                                                                                                                                                                                 | Angle of Incidence (°):              |
| <div>Coating Specification:</div> <div>Surface 1: R<sub>abs</sub> = 30 ±5% @ 350nm, R<sub>avg</sub> = 30 ±10% over 250 - 450nm T<sub>abs</sub> =70 ±5% @ 350nm, T<sub>avg</sub> = 70 ±10% over 250 - 450nm Surface 2: BBAR (R<sub>avg</sub> &lt;1%, R<sub>abs</sub> &lt;2% over 250 - 450nm)</div> |                                      |
| 30/70                                                                                                                                                                                                                                                                                              | Reflection/Transmission Ratio (R/T): |
| <div>Fused Silica (Corning 7980)</div>                                                                                                                                                                                                                                                             | Substrate: <div></div>               |
| 1λ                                                                                                                                                                                                                                                                                                 | Surface Flatness (P-V):              |
| 60–40                                                                                                                                                                                                                                                                                              | Surface Quality:                     |
| 250 - 450                                                                                                                                                                                                                                                                                          | Wavelength Range (nm):               |

Regulatory Compliance

|                      |                             |
|----------------------|-----------------------------|
| <div>Compliant</div> | RoHS 2015:                  |
| <div>View</div>      | Certificate of Conformance: |
| <div>Compliant</div> | Reach 235:                  |

## Product Details

- Multiple Transmission/Reflection Ratios Available
  - BBAR Coated Second Surface
  - Fused Silica Substrate
- TECHSPEC® UV Plate Beamsplitters offer optimum performance in the 250-450nm spectral range and feature low absorption and negligible ghost reflections. The precision fused silica substrate has been designed to minimize the additional optical path length a beamsplitter adds to an imaging or photonic system. Available in multiple transmission/reflection ratios, TECHSPEC® UV Plate Beamsplitters are ideal for fluorescence imaging, biomedical and pharmaceutical applications, forensics, and spectroscopy. All coatings are designed for 45° AOI and random polarization.

## 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