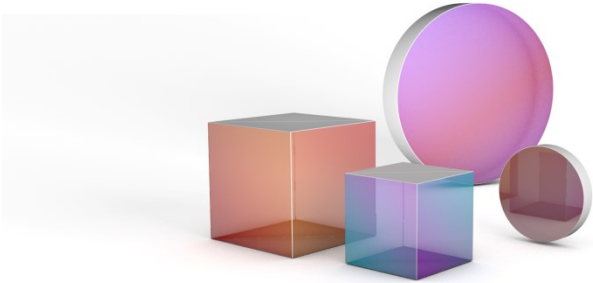


# Non-Polarizing Beamsplitters

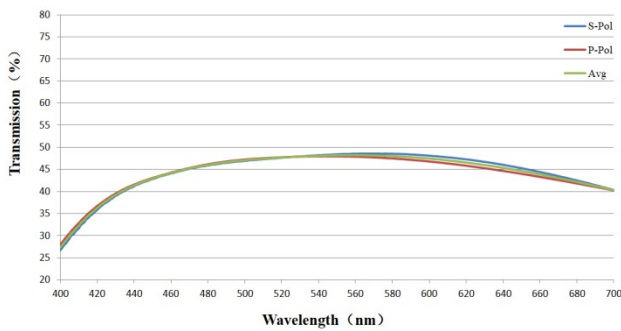


- Material from DUV to IR
- Custom dimension and shapes
- Diameter from 1 to 100 mm
- Clear aperture: Central 90% of diameter
- Wavefront distortion :  $\lambda/4@632.8\text{nm}$
- Surface quality: 10-5 S/D
- Beam deviation :  $<5'$
- Custom beamsplitting coatings
- High laser damage threshold

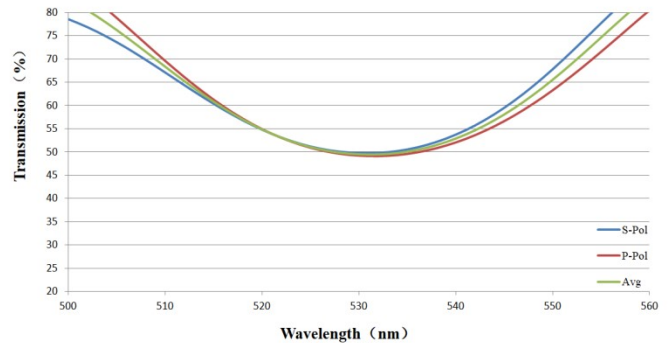
Non-Polarizing Beamsplitters divide incident beam into a specific percentage without altering the S and P-polarization state. CASTECH offers a variety of Non-Polarizing Beamsplitters in configuration including UV Laser Line Non-Polarizing Beamsplitter Cubes, Laser Line Non-Polarizing Beamsplitter Cubes, Broadband Non-Polarizing Beamsplitter Cubes, Broadband Non-Polarizing Plate Beamsplitters, Laser Line Non-Polarizing Plate Beamsplitters. Equipped with state-of-art coaters, our Beamsplitters are coated with all-dielectric coatings or broadband metal-dielectric hybrid coatings to increase system performance while maintaining high laser damage thresholds,

## Metrology

VIS Non-Polarizing Beamsplitter Cube



532nm Non-Polarizing Beamsplitter Cube



ZYGO Interferometer for wave front & parallelism measurement  
With  $\lambda/50$  accuracy  
Parallelism measure accuracy: 0.5 "



Agilent Cary-7000 (2sets) for reflectivity testing  
from 175nm to 3300nm spectral region