

Large Area Beamsplitters

GENERAL

Large area beamsplitters measure up to 80" diameter or diagonal based upon the configuration of the substrate. In many instances, multiple smaller substrates are produced within the 80" set-up to produce color matched sets. Large area beamsplitters are produced from all dielectric materials which can be applied to create several common reflectance/transmission ratios. Large area beamsplitters are neutral in color for angles of incidence from 0 to 45 degrees.

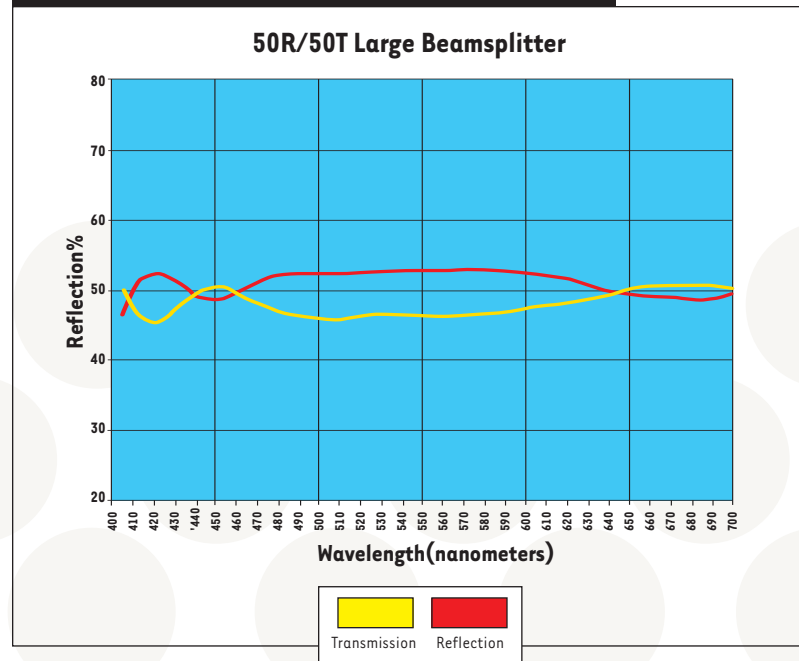
OPTIONS

High Efficiency Multi-layer Anti-reflection Coatings can be applied to the second surface of the substrate to eliminate second surface reflection and ghost images. Large area beamsplitters can be cut into smaller sizes and shapes.

SPECIFICATIONS

• R/T ratios: 60/40, 50/50, 40/60, 30/70 • Wavelength range: 400-700nm • AOI: 0 to 45 degrees • Coating Uniformity: \pm 5% over 80" • Substrates: Float Glass, Borofloat, Pyrex, Waterwhite, Starfire and Fused Silica. • Standard thickness: .125" to 1.5" • Custom substrates and thickness: Call our Customer Service Department

SPECTROMETRIC CHARACTERISTICS



Please call our sales department at 800-456-7070 for other sizes and custom coatings.