

Beamsplitter Coatings For Glass Optical Elements

Coating #3770-1, #3770-2, #3770-3

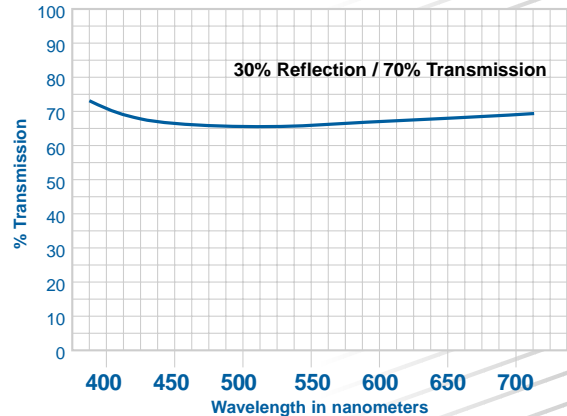


General Description

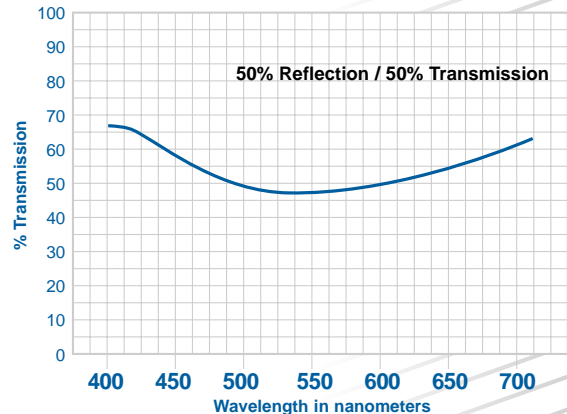
ECI offers a collection of dielectric thin films that are used to split an incident beam into two components. Various reflection/transmission ratios are available. All coatings are optimized to meet your specific requirements including ratio of reflected versus transmitted light, angle of incidence, wavelength region, polarization and incident medium. These non-absorbing films are very stable and pass the severe environmental requirements of MIL-C-48497. These designs are suitable for application onto plate beamsplitters or can be cemented into beamsplitter cubes.

Illustrated at right are several typical designs. Many more designs are available for a variety of applications. In-house design services are available at no additional charge. We can create a custom film design for your particular optical requirement.

ECI #3770-1



ECI #3770-2



ECI #3770-3

