

Product Information: *BEAM SPLITTERS - Precision Grade*

General Description

A Beam Splitter, often called a half-mirror, is an optical window with a semi transparent coating which divides a beam into two or more separate beams.

Abrisa Precision Grade Beam Splitters are all dielectric multilayers, one surface coated for transmission/reflection values, the second surface anti reflection coated to reduce ghost images. Strict control in their manufacture insure low absorption of less than .25%. They are designed for use at 45° angle of incidence, transmission/reflection values will change when used at other angles.

For specialized wavelengths, transmission and reflection ratios or substrates, contact one of our sales engineers.

Features

- Low Absorption
- Light weight
- All hard dielectric
- Rugged & durable

Specifications

Substrate: As specified
 Thickness: 1.0 mm to 3.0 mm
 Tolerance: $\pm 5\%$ @ 550 nm
 Size: Up to 24" dia.

