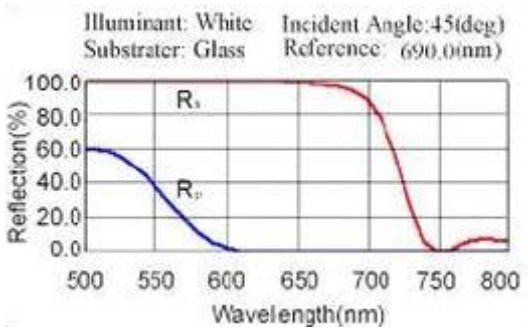
Laser Line Polarization Beamsplitter Coatings

This coating has special performance of nearly 100% reflectivity for S-Polarization and 100% transmission for P-polarization at a narrow wavelength bandwidth. Therefore, its main application is to be used as polarizing beamsplitter in single wavelength laser system when it is deposited on glass substrate. But its extinction ratio is not so high.

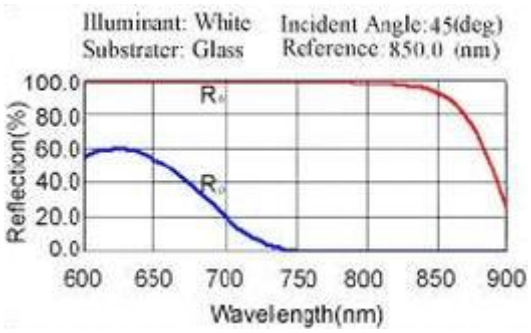
Specifications：

- Reflectance：Rs>99.5% @633nm, Rp<5.0%@633nm
- Durability：Meets MIL-C-675C
- Angle of Incidence：45 degree



Specifications：

- Reflectance：Rs>99.5% @780nm, Rp<5.0%@780nm
- Durability：Meets MIL-C-675C
- Angle of Incidence：45 degree

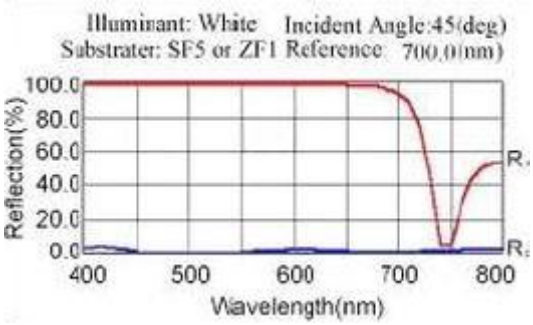


Broadband Polarization Beamsplitter Coatings

It has similar application with LPS coating but it can be used in a wide range spectrum. This spectral range can be controlled according to customer's special inquiry.

Specifications:

- Reflectance：Rs>99.5%@450~650nm, Rp<5.0%@450~650nm
- Durability：Meets MIL-C-675C
- Angle of Incidence：45 degree



Specifications:

- Reflectance：Rs>99.5%@600~900nm, Rp<5.0%@600~900nm
- Durability：Meets MIL-C-675C
- Angle of Incidence：45 degree