

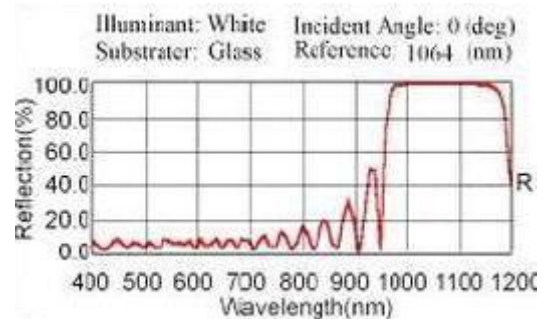
## Dielectric High Reflective Coatings (DHR Coatings)

Dielectric coatings combine high reflection values with outstanding durability characteristics. These coatings can exhibit significantly higher reflectance values than metallic films over specific wavelength intervals. Dielectric coatings can be optimized for a particular angle of incidence and reflection bandwidth in the UV, visible or infrared regions. Broader reflectance region or high reflectance values at different bandwidths can be obtained by combining two or more dielectric stacks centered at shifted design wavelengths.

All-dielectric coatings are extensively used in laser applications. Our laser mirrors exhibit extremely low absorption and scatter, and are specifically designed to withstand high power laser energy levels. At normal incidence our standard coating will reflect better than 99.8% in range from 250nm to 2200nm and can be optimized for different angles of incidence.

### Specifications:

- Reflectance:  $R > 99.8\%$  @1064nm,  $R < 5\%$  @532nm
- Durability: Meets MIL M-13508-C
- Angle of Incidence: 0 degree



### Specifications:

- Reflectance:  $R > 99.5\%$  @1064nm
- Durability: Meets MIL M-13508-C
- Angle of Incidence: 45 degree

