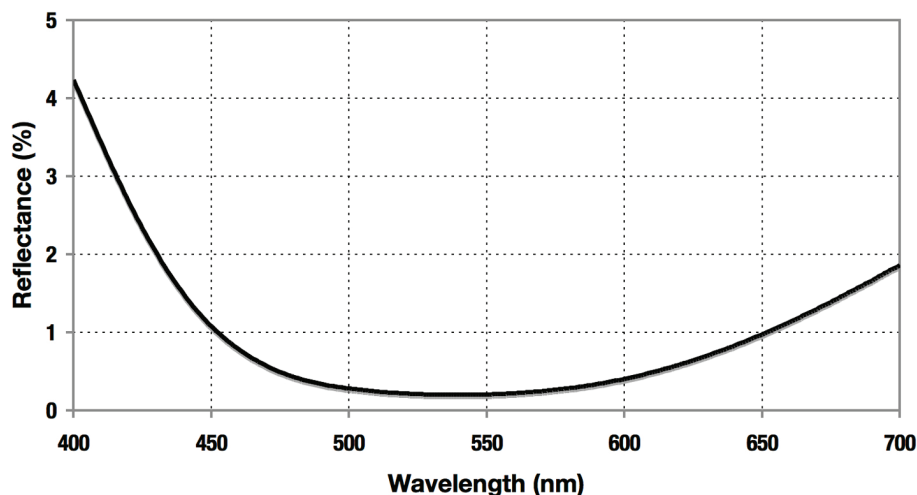


REFLECTANCE

SPECIFICATIONS

532 nm V1 Antireflection Coating



- Minimum reflectivity $\leq 0.25\%$
- Wavelength range 248 - 1024 nm
- Adhesion meets MIL-C-675C
- Electron beam evaporated durable multilayer dielectric

The V1 narrowband antireflection coating provides a minimum reflectivity R equal to or less than 0.25% at the specified wavelength at normal incidence. Non-normal incidence exhibits fairly strong polarization dependence, as shown below. It is fabricated using hard electron beam deposited dielectric materials, and so has excellent resistance to abrasion, moisture and laboratory solvents. It can be deployed on BK7, fused silica and other standard optical glasses. Typical damage threshold is 2kW/cm² CW and 5 J/cm² with 10 nS pulses, measured at 532 nm.

45° Incidence Angle

