ANTI-REFLECTION FILM

ABSTRACT

An anti-reflection film having high electrical conductivity and high anti-reflection effect over a wide frequency range despite its simplified structure. The anti-reflection film has two mutually neighboring layers which are deposited directly or via a hard coating layer 12 on a supporting layer 11. One 1 of the layers that is closer to a substrate layer 11 is formed of an electrically conductive material capable of absorbing light, while the remaining second layer 2 is formed of a material having a refractive index not higher than 2.0. If the first layer has the refractive index and the extinction coefficient for a shorter wavelength λ_v of n_v and k_v, respectively, and the refractive index and the extinction coefficient for a longer wavelength λ_r of n_r and k_r, respectively, n_v is larger than n_r and k_v is smaller than k_r ($n_v > n_r$ and $k_v < k_r$).

FIGURE 1 & FIGURE 18