

OPTICAL ELEMENT, WINDOW MATERIAL, FITTING, AND INSULATION
SHIELDING DEVICE

ABSTRACT OF THE DISCLOSURE

An optical element has a first optical layer; a reflective layer; and a second optical layer. The reflective layer includes at least five layers of high refractive-index layers and metal layers alternately laminated. When a thickness L of the entire reflective layer is 80 nm, a ratio α of an optical thickness of the entire metal layers to that of the entire high refractive-index layers and a ratio β of an optical thickness of a third high refractive-index layer to that of a first high refractive-index layer are included in a first region, when the thickness L is 90 nm, the ratios α and β are included in a second region, and when the thickness L is 80 to 90 nm, the ratios α and β are included in a space enclosed by the first region, the second region, and straight lines derived from these regions.

FIG. 1A