

ABSTRACT

An optical amplifying glass comprising 100 parts by mass of a matrix glass and from 0.1 to 10 parts by mass of Er doped to the matrix glass, wherein the matrix glass
5 comprises Bi_2O_3 , at least one of B_2O_3 and SiO_2 , at least one member selected from the group consisting of Ga_2O_3 , WO_3 and TeO_2 , and La_2O_3 in such a ratio that Bi_2O_3 is from 20 to 80 mol%, $\text{B}_2\text{O}_3+\text{SiO}_2$ is from 5 to 75 mol%,
 $\text{Ga}_2\text{O}_3+\text{WO}_3+\text{TeO}_2$ is from 0.1 to 35 mol%, and La_2O_3 is from
10 0.01 to 15 mol%.



G00002



162162