

ABSTRACT

The present application discloses an optical module. The optical module comprises a housing and a light source assembly. The housing comprises: a first cover, a heat sink being provided outside the first cover; and a second cover, the first cover and the second cover covering
5 each other, an accommodating cavity being formed between the first cover and the second cover, and the light source assembly being arranged in the accommodating cavity. The light source assembly comprises a light-emitting device and a light source circuit board; the light-emitting device is electrically connected to the light source circuit board, and the light source circuit board is used for controlling the light-emitting device to output an optical signal; and the light-emitting
10 device is fixed to the light source circuit board, and the light source circuit board is directly fixed to the first cover, so that the light-emitting device is fixed to a position of the inner side of the first cover corresponding to the heat sink and is in thermally conductive connection with the first cover. According to the present application, by designing the assembling mode of the light source assembly and the housing of the optical module, more accommodating space is vacated in the
15 housing, so that more devices can be assembled in the optical module, and the heat dissipation efficiency of the light-emitting device can be improved.

FIG. 5