

ABSTRACT

The present application discloses an optical module. The optical module comprises a light source assembly and an optical amplification assembly, the optical amplification assembly is optically connected to the light source assembly, and the optical amplification assembly is used
5 for performing optical amplification on an optical signal outputted by the light source assembly, so that the optical module has high output power. Moreover, in the present application, a main circuit board, the light source assembly, and the optical amplification assembly are stacked, that is, by reasonably arranging the light source assembly and the optical amplification assembly, the size of the optical module can meet the requirements of an MSA and can also accommodate an
10 added optical amplification assembly, so that the optical module can have high output power.

FIG. 3