

DATA TRANSMISSION METHOD AND APPARATUS

ABSTRACT

A data transmission method and apparatus are provided. The method includes: mapping service data to a data frame, and sending the data frame, where the data frame includes a payload area, the payload area includes a plurality of data blocks, each of the plurality of data blocks includes a first indication field and a payload field, and the first indication field indicates that an object borne in the payload field is data or padding. A technical solution of this application may be applied to the field of optical communication technologies. The first indication field is set in the data block, to indicate the object borne in the payload field of a fixed quantity of bytes, so that a receive end device determines a data amount of a received data frame in real time. In this way, in a process of performing rate adaptation, the receive end device does not need to cache data or read data from a cache, so that a lag in rate control in a data transmission process can be reduced, thereby reducing a data transmission delay and improving service transmission efficiency.

(FIG.8)