

ABSTRACT

Embodiments of this application disclose a method for controlling an optical module by a board in an OLT and a related apparatus. During upstream slot allocation, the board in the OLT obtains information such as an identifier of a target ONU and a target operating rate of the target
5 ONU, and the board sends the information to an optical module through a target interface. Then, the optical module determines an operating parameter based on the information carried in a target message, for example, determines operating parameters of an equalizer, an amplifier, a filter, and a laser. In other words, this application provides a new interface solution between a board and an optical module. The board can transfer more information to the optical module according to the
10 new interface solution, to satisfy higher complexity and efficiency requirements of the board for controlling the optical module.