

COMMUNICATION METHOD AND RELATED DEVICE

ABSTRACT

Embodiments of this application provide a communication method and related devices, to register an optical network terminal device with an optical network central office device when an optical transceiver option supported by the optical network terminal device matches an optical transceiver option supported by the optical network central office device, thereby improving reliability of sending an upstream optical signal by the optical network terminal device to the optical network central office device. The method includes: First, the optical network terminal device receives a downstream frame from the optical network central office device, where the downstream frame carries first indication information, and the first indication information indicates performance of a first optical transceiver included in the optical network central office device. Second, the optical network terminal device sends an upstream frame to the optical network central office device, where the upstream frame carries a device identifier of the optical network terminal device and second indication information, and the second indication information indicates a second optical transceiver option.

Fig. 3a