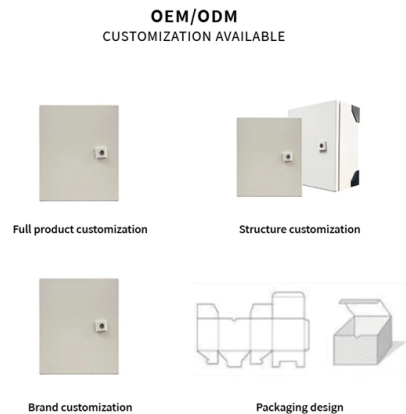


Which device in a passive optical network PON doesn't require electricity



Overview

Since the optical splitters require no external power, there is no need for active electronics or cooling systems between the central office and the customer. This lack of powered equipment drastically reduces ongoing operational expenses related to electricity consumption and site. A Passive Optical Network (PON) is a fiber-optic access network designed to deliver broadband services. PON network does not require electrical power to send signal to customers. The PON Network will be introduced in this article, which mainly involves the basic. As mentioned, a passive optical network has no powered equipment between the provider and end user. The only thing you'll find en route is optical splitters. This network is distinguished by its capability to make the data transmission from a single source to multiple user terminals. PON architecture lets one fiber help many users. It also makes installation easier.



Article Content

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