

Overview

Fiberhome AN6000 OLT series GMOA 16-port XG-PON and GPON Combo Card

Product Details:

The Front Panel:



GMOA application:

Advantages of XG-PON application:

Smooth evolution: All FiberHome OLTs in current networks support XG-PON service cards; therefore, users need not replace existing OLT equipment to provision the XG-PON service.

High bandwidth: 2.5 Gbit/s in the uplink direction and 10 Gbit/s in the downlink direction.

High split ratio: Provides a split ratio up to 1:256.

Shared ODN: XG-PON ONUs can be connected to the OLT equipment via an existing GPON ODN, based on the external wavelength division multiplexing (WDM) technology.

GMOA hight-lights:

Smooth upgrade: XGS-PON service cards can replace XG-PON with little configuration change. Accordingly, services can be migrated smoothly.

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Software and hardware compatibility: Bandwidth can be upgraded without replacing subracks. Various PON service cards can coexist in a subrack.

AN6000 Series Optical Line Terminal Equipment

Low power consumption: An XGS-PON card consumes less than 70 W power.

Clock and time synchronization with high precision: Uses the system time transfer protocol defined in IEEE 802.1as, and supports synchronous Ethernet (SyncE), IEEE1588 V2 and 1PPS+ToD.

Overall protection: Supports backbone fiber protection (Type B) and all-fiber protection (Type C). The switching time is no more than 50 ms.

Efficient data transmission: Encapsulates all the data to be transmitted into 125 us frames (fixed length frames) with the new XGEM encapsulation structure, which uses fewer transmission overhead bytes and improves the transmission efficiency.

Get more information:

Do you have any question about the GMOA?

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