Overview

Fiberhome AN6000 OLT series EXOA 16-port 10G EPON Card

Product Details:

The Front Panel:

EXOA application:

Advantages of 10G EPON application:

Compatibility: 10G EPON is in the same standard system as EPON.

Accordingly, EPON, non-symmetric 10G EPON, and symmetric 10G EPON ONUs can be connected to an OLT via the same ODN. The service model of 10G EPON is the same as that of EPON, and is compatible with the existing network management system, using a uniform OAM mechanism.

High bandwidth: 10G EPON supports the symmetric rate mode (10 Gbit/s in both uplink and downlink directions) and the non-symmetric rate mode (1.25 Gbit/s in the uplink direction and 10 Gbit/s in the downlink direction). The transmission rates are raised by 10 times compared with that of 1G EPON, and the transmission efficiency is enhanced to 97%.

High split ratio: Provides a split ratio up to 1:128.

Flexible networking: Users can choose to use EPON ONUs, symmetric 10G EPON ONUs, or non-symmetric 10G EPON ONUs according to their demand for bandwidth. The system can be upgraded on demand. The network is simple and can be configured flexibly. Ultra-long-haul

access with a high split ratio is supported.

Cost-effective: The transfer cost per bit is reduced, and the cost of the upgrade is low.

EXOA hight-lights:

Smooth upgrade: 10G EPON service cards can replace EPON service cards with little change in configurations. Accordingly, services can be migrated smoothly.

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

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.

Get more information:

Do you have any question about the EXOA?

Contact us now via e-mail: info@hi-network.com

Want to Buy

Get a Quote

Learn More about Hi-Network | Search our Resource Library | Follow us on LinkedIn | Contact for Sales or Support

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223