

**OPTICAL LINE
TERMINAL**



BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI SMARTAX MA5680T OLT

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Product Overview

Huawei SmartAX MA5680T OLT can be used as OLT equipment , terminal ONT equipment or other ONU equipment in the PON system ; can meet a variety of FTTx network applications , What : FTTH (Fiber to the home), FTTB (Fiber to the building), FTTC (Fiber to the curb), etc .; meet the transmission needs of the base station , IP dedicated line interconnection, wholesalers and other business network requirements ; Supports P2P FE optical access services , and provide users with point-to-point FTTH access by cooperating with optical access terminals .

SmartAX MA5680T series products include high capacity SmartAX MA5680T , medium Los productos de la serie SmartAX MA5680T incluyen SmartAX MA5680T de alta capacidad , and MINI SmartAX MA5608T . The hardware and software of the three specifications are fully compatible, saving network storage costs. Between the two specifications, the large capacity SmartAX MA5680T can provide 16 service slots, the medium capacity SmartAX MA5683T can provide 6 service slots, and the MINI SmartAX MA5608T can provide 2 service slots.

As a large capacity OLT,MA5680T is compatible with GPON , 10G GPON, EPON, 10G EPON, and P2P access. At the same time, it can be used as an aggregation OLT to support aggregation and access to FTTB / FTTC / DSLAM, which not only simplifies the network level but also reduces the types and quantities of equipment, saving space in the CO room and energy consumption.

Main Characteristics



- Rich interface types

MA5680T provides various kinds of upstream interfaces GE optical / electrical interfaces GE optical interfaces E1 interfaces STM-1 interfaces GPON optical interfaces EPON optical interfaces

- Comprehensive security measures

to meet the security requirements of telecommunications services ,In-depth research and application of security protocols have been carried out to fully ensure system security and user access security .

- Flexible networks

As a multi-service access platform SmartAX MA5680T can provide multiple access methods and support multiple network methods to meet the network needs of users in different environments and services.

- Operable IPTV services

The powerful service interchangeability of MA5680T , system packet forwarding speed and high integration (data exchange and user management) .

Technical Specifications

| MA5608T Specification | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (W/D/H) mm | 442×233.5×88 |
| Operating Environment | Temperature: -40°C to +65°C RH: 5% to 95% |
| Power Parameter | Supports DC and AC power supply modes, and dual-power supply protection. Provides battery for power backup when AC power is used. |
| Cabinet | Indoor: N63E-22 Outdoor: F01S200 |
| Configuration | control board: 2 Service board: 2 Power interface board: 1 |
| MTBF | ≈45 years |
| Switching Capacity of the Backplane Bus | 720Gbit/s |
| Switching Capacity of the Control Board | N/A |
| Access Capacity | <ul style="list-style-type: none">• 8*10G GPON• 32*GPON• 96*GE |
| Maximum uplink port (GIU) | - |



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