

EPON OLT

GEPON OLT, 4 SFP PON ports



OVERVIEW

FO-7304C-BP is a small 1U rack type 4 SFP PON ports OLT. FO-7304C-BP works with series ONU to establish a passive optic network. The whole system supports 4-PON, 256 ONUs.

FO-7304C-BP applies to counties, towns and villages fiber network access. It is also applied to FTTH/FTTB/FTTO projects, for IP phone, Ethernet data and IPTV services access. It supports SNMP management. FO-7304C meets EPON standards.



FEATURE

- Supply 4 SFP PON ports, 2 x 1000M SFP uplink ports, 2 Combo uplink ports
- Each PON port support 1:64 split ratio, total 1256 ONUs access
- Distance can reach 20km under 1:32 split ratio, 10km under 1:64
- Support to work with HA400/HA7200 series ONUs to establish passive network
- Support WEB and SNMP, integrate switching function
- 1U rack design, inside fan, better for heat dissipating and reliability operating
- Apply for town, village fiber network and surveillance, apply for FTTX network, to transmit IP phone, data, IPTV and other IP services access

APPLICATION

1000M point to multi-point optic passive network

TECHNICAL SPECIFICATION

| Parameter | Specification |
|-----------------------|--|
| Operating wavelength | 1310(RX) /1490(TX) |
| Optical power | +2.5 ~ +7dBm |
| Receiving sensitivity | -30dBm |
| Max distance | 20km |
| Max splitter ratio | 1:64 |
| Capacity | 4 PON , maximum :256 pcs ONU |
| MAC | 8K |
| Uplink port | 2 SFP ports + 2 Combo (SFP/TP) ports |
| PON port | 4 SFP 1000M fiber ports |
| Control port | 1 x 10/100/1000M RJ45 ports 1 Console (RJ45), to debug the device 1 USB port |
| MTBF | 100,000 hours |

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|---------------------|--|
| EPON traits | Support IEEE802.3ah Support DBA with minimum1Kbps granularity adjustable Support 1Gbps up link and down link symmetrical bandwidth Support AES-128 encryption to each Logical Link Identifier Support powerful OAM function, implement telnet management, maintenance and upgrade Support auto discovery and auto register of ONU (real-time operation) |
| Protocols supported | Support IEEE802.3, IEEE802.3u, IEEE802.3ab , IEEE802.3z Support IEEE802.1Q VLAN , IEEE802.1d Spanning Tree Support IEEE 802.1P QoS , IEEE802.3X Flow Control Support IEEE802.3ad Trunk ,IEEE802.1W RSTP |
| Management | CLI and GUI, SNMP, WEB Support DHCP Snooping |

WORKING ENVIRONMENT

| Parameter | Specification |
|-----------------------|---|
| Power | AC100~240V 50/60HZ, DC12V/3A redundant three power supply |
| Power consumption | 25W |
| Operating temperature | -10~55°C |
| Storage temperature | -40~70°C |
| Humidity | 5%~90% non-condensing |
| Dimension | 440mm(length) x 210mm(width) x 44mm(height) |

ORDER INFOMATION

| PRODUCT | PART NUMBER |
|----------------------------|-------------|
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