

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

EPON traits	Support IEEE802.3ah Support DBA with minimum 1Kbps 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 INFORMATION

PRODUCT	PART NUMBER
GEAPON OLT, 4 SFP PON ports	FO-7304C-BP