

EPON OLT

GEPON OLT, 4 SFP PON ports , 2 x 1000M SFP ports , 2 x 1000M RJ45 ports



FEATURE

- Supply 4 SFP PON ports, 2 1000M SFP ports, 2 1000M RJ45 uplink ports
- Each PON port support 1:64 split ratio, total 256 ONUs access
- Distance can reach 20km under 1:32 split ratio, 10km under 1:64
- Support WEB management,SNMP and CLI.
- With wall mount, available to hang on 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



OVERVIEW

FO-7304 is a small standalone type 4 SFP PON ports OLT. FO-7304 works with series ONU and ODN, to establish a passive optic network.

The whole system supports 4-PON, 256 ONUs.

FO-7304 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 WEB management. FO-7304 meets China Telecom EPON standards.

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 256pcs ONU
MAC	8k
Uplink port	2 SFP ports + 2 TP ports
PON port	4 SFP PON ports
Control port	1 10/100M RJ45 port 1 Console(RJ45), to debug the device 1 USB port
MTBF	100,000 hours
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
Network management	Support GUI management based on SNMP Support WEB and Telnet GUI management based on CLI
Other functions	Support 1GMPv1/v2 protocol report, query and leave message mouse Support ONU remote configure and upgrade Support real-time alarm detection, accurate fault location Support the alarm information sent to the mailbox, support SMS alarm

WORKING ENVIRONMENT

Parameter	Specification
Power	AC100~240V 50/60HZ, DC-48V
Power consumption	20W
Operating temperature	-10~55°C
Storage temperature	-40~70°C
Humidity	5%--90% non-condensing
Dimension	276mm(length) * 200mm(width) * 44mm(height)

ORDER INFOMATION

PRODUCT	PART NUMBER
GEPON OLT, 4 SFP PON ports , 2 x 1000M SFP ports , 2 x 1000M RJ45 ports	FO-7304