

# EPON OLT

GEAPON OLT , 8 SFP PON ports , 4 x 1000M SFP ports , 4 Combo uplink ports



## FEATURE

- Supply 8 SFP PON ports, 4 1000M SFP ports, 4 Combo uplink ports
- Each PON port support 1.64 split ratio, total 512 ONUs access
- Distance can reach 20km under 1:32 split ratio
- Support to work with series ONUs to establish passive network
- Support WEB and SNMP, integrate switching function
- Apply for town,village fiber network and surveillance, apply for FTTH network, to transmit IP phone, data,IPTV and other IP services access



## OVERVIEW

FO-7308C is a U rack type 8 SFP PON ports OLT.FO-7308C works with series ONU and ODN, to establish a passive optic network. The whole system supports 8-PON, 512 ONUs. It supports SNMP management and meets China Telecom EPON standards. FO-7308C 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

## 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	-27dBm
Max distance	20km
Max splitter ratio	1:64
Capacity	8 SFP PON, each PON supports max 64pcs ONU, total 512pcs ONU
MAC	16k
Uplink port	4 SFP ports + 4 Combo(SFP/TP) ports
PON port	8 SFP 1000M fiber ports
Control port	1 10/100/1000M 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 management and Telnet GUI management based on CLI
Other functions	Support 1GMPv1/v2 protocol report, query and leave message mouse Support DHCP Snooping Support Ipv4 address learning based at DHCP Snooping Support ARP Snooping, QoS etc

## WORKING ENVIRONMENT

Parameter	Specification
Power	Dual AC100~240V 50/60HZ
Power consumption	35W
Operating temperature	-10~55 °C
Storage temperature	-40~70 °C
Humidity	5%--90% non-condensing
Dimension	440mm(length) * 260mm(width) * 44mm(height)

## ORDER INFORMATION

PRODUCT	PART NUMBER
GEAPON OLT , 8 SFP PON ports , 4 x 1000M SFP ports , 4 Combo uplink ports	FO-7308C