

HA7304 MINI 4PON OLT



Overview

HA7304 is a small standalone type 4 SFP PON ports OLT. HA7304 works with HA7200 series ONU (also other brands EPON ONUs which support CTC) and ODN, to establish a passive optic network. The whole system supports 4-PON, 256 ONUs.

HA7304 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.

HA7304 meets China Telecom CTC EPON standards.

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, maximum 1:64 under 10km.
- Support to work with ctc standards ONUs
- Support WEB/SNMP/CLI management
- Apply for town,village fiber network and surveillance, apply for FTTX network

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 1000M SFP ports + 2 1000M TP ports (support 1000M only)
PON port	4 SFP PON ports
Control port	1 Console(RJ45), to debug the device 1 MGMT management 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
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
Management	WEB/SNMP/CLI

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)