HA7302CST Standalone Type 2-PON OLT

Overview

HA7302CST is a standalone 2-PON OLT,working with HA7200 series ONU and ODN, to

establish a passive optic network. It supports 2-PON, 64 ONUs access (maximum 128). It

supports 10～20km transmission distance at the base of high bandwidth, full line speed

L2/L3 transition capacity. It supports WEB/SNMP/CLI management.

Feature

- Supply 2 SFP PON ports, 2 1000M RJ45 uplink ports, 1 10/100M RJ45 management port

- Support SNMP management and WEB management

- Each PON port support 1.32 split ratio, total 64 ONUs access,maximum 128

- Distance can reach 20km under 1:32 split ratio,maximum 1:64

- Support to work with HA400/HA7200 series ONUs to establish passive network

- 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	Specifications
Operating wavelength	1310（RX）/1490（TX）
Optical power	+0 ~ +7dBm
Receiving sensitivity	-27dBm
Max distance	20km
Max splitter ratio	1:64
Capacity	2 PON, standard: 64 ONUs maximum:128 ONUs
MAC	8K
Uplink port	2 1000M Ethernet RJ45 ports
PON port	2 SFP fiber ports
Control port	RJ45 console port, to debug the device
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
	Support IEEE802.1Q VLAN
	Support IEEE 802.1P QoS
Management	CLI and GUI, SNMP, WEB
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 supply	AC220V
Power consumption	11W
Operating temperature	-10～55℃
Storage temperature	-40～70℃
Humidity	5%～90% non-condensing
Dimension	276mm(length) ×200mm(width) ×44mm(height)