

## CX628-2A

### Overview

CX628-2A is an EPON broadband access device for fulfilling FTTH request of telecom operators, internet access of SOHO people. This product is based on the stable and mature Gigabit EPON technology, which has high performance/price ratio, and the technology of layer 2 Ethernet switch as well. It is highly reliable and easy to maintain, with guaranteed QoS. And it is fully compliant to technical regulations such as IEEE802.3ah and technical requirement of EPON Equipment (V2.1) from China Telecom, it can be used as a SFU or MDU.

### Special Features

- ▶ Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- ▶ Integrated OAM remote configuration and maintenance function.
- ▶ Support rich QinQ VLAN function and IGMP Snooping multicast feature.
- ▶ Functions like transceiver diagnostic monitoring, transmitter disable, etc.
- ▶ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
- ▶ Easily configuration by local CLI.

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|--|--|
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| Art No   | : CX628-2A2  |
| Material   | : Steel Shel   |
| Size   | : 480mm*240mm*44.4mm (L*W*H)   |
| Weight   | : 1.5Kg  |
| Color  | : Black  |
| Description  | : 24*100M Ethernet ONU, Compatible with Huawei,ZTE, Fiberhome,Dasan,Alcate OLT |

### Technical parameters

| Technical item         | Description  |
|------------------------|--|
|                        | EPON   |
| Upstream PON interface | 1 EPON interface, SC single-mode/single-fibre, symmetric 1.25 Gbps |
| Wavelength             | Tx 1310nm, Rx 1490nm   |
| Sensitivity            | <-27dBm(PX20+) PON   |
| Overload               | >-3dBm(PX20+) PON  |

## **CX628-2A**

|                          |   |
|--------------------------|---|
| Optical interface        | SC/PC connector   |
| Downstream LAN interface | 24*10/100Mbps auto adaptive Ethernet interfaces, Full Duplex/<br>Half Duplex, RJ45 connectors |
| Indicators               | 4 indicators, for status of power supply, PON port,los,ACT.                                   |
| DC power supply          | AC 85°C~254°C   |
| Power consumption        | ≤25W  |
| Operating condition      | Operating temp: -30~+55°C<br>Operating humidity:10~90%(non-condensed)                         |
| Storing condition        | Storing temp: -30~+60°C<br>Storing humidity:10~90%(non-condensed)                             |
| Dimension                | 480mm*240mm*44.4mm(length*width*height)   |
| Net weight               | 1.5Kg   |

## **Technical parameters**

- ▶ Shared 1Mbit on-chip memory-based switch fabric with true non-blocking switching performance.
- ▶ 8K MAC address entries with automatic learning and aging.
- ▶ Per port programmable MAC address limiting.
- ▶ 802.1Q VLAN support for the full 4,096 VLAN IDs.
- ▶ Quality of Service support with four traffic classes.
- ▶ Support Strict,Weighted,or mixed mode QoS.
- ▶ Integrated 1:1 VLAN, VLAN reusing, VLAN trunk, etc.
- ▶ Support port monitoring, port mirroring, port rate limiting, port SLA, etc.
- ▶ Support auto polarity detection of Ethernet ports (AUTO MDIX).
- ▶ Support layer 2 Policy Control
- ▶ Support IPv4 IGMP snooping and IPv6 MLD snooping.