

# ZXA10 F625G Datasheet

ZXA10 F625G is a GPON Optical Network Termination unit used in an FTTH environment. ZXA10 F620G supports triple play services including voice, video (IPTV/CATV) and high speed internet access.

ZXA10 F625G provides an GPON interface to connect OLT with an ODN. It offers a new choice for operators to deliver FTTH access.



## Interface Function

- Optical port (line terminal):
  - 1 \* GPON interface (SC/APC)
- User network interface:
  - 4 \* 10/100/1000Base\_T interfaces
  - Auto MDI/MDIX
  - 2 \* POTS (VoIP) interfaces
  - 1 \* RF coaxial connector for CATV

## Transmission Rate

- Line terminal: 2.488Gbps downstream and 1.244Gbps upstream
- User side interface: 10/100/1000Mbps auto-negotiation

## Transmission Distance

- Link distance: 0 ~ 20km max.

## Transmission Wavelength

- Receiving: 1,490 nm
- Transmitting: 1,310 nm
- Third party wavelength: 1,550 nm

## Receiving Sensitivity

- Data: Better than -29dBm

## Transmitting Optical Power

- 1~5dBm

## Overload Optical Power

- -5dBm

## Physical Performance

- Power consumption: 12W
- Dimensions: 45mm (H) \* 217 mm (W) \* 159 mm (D)
- Working temperature: -5°C ~ 45°C
- Working humidity: 5% ~ 95%
- Weight: 0.5kg
- Power supply: 12 V DC
- Mounting mode: Desktop/Cabinet/Wall mounting
- Battery: 3AH/6AH (Optional)

## Service Function

- Service: VoIP, Internet, IPTV, CATV
- 802.1Q, 802.1P, 802.1ad and QoS policy
- IGMP snooping and controllable multicast
- Loop back detection
- Auto event alarm
- Security management
- Remote management
- Dying Gasp
- Optical power detection
- Support TR069
- SIP/H.248/ MGCP
- G.711a/G.711u/G.723/G.729, T.30/T.38
- Up to 40 T-CONTs and 256 GEM Ports