Bringing you Closer

ZXHN F600 Datasheet

ZXHN F600 is a GPON Optical Network Terminal designed for FTTH scenario. It provides subscribers rich, colorful, individualized, convenient and comfortable services including video (IPTV) and high speed internet access. It has a small, smart appearance and green, energy-saving advantage.



GPON Interface

- Optical port : 1 x GPON interface (SC/APC)
- Transmission Distance: 0 ~ 20km
- Transmit rate: 2.488Gbps downstream; 1.244Gbps upstream

User Network Interface

- 4 x 10/100/1000Base-T
- Half/full duplex; Auto MDI/MDIX; Auto negotiation

Optical Module

- Wavelength:
  Receiving: 1480~1500 nm
  Transmitting: 1290~1330 nm
- Receiving Sensitivity: -28dBm
- Transmitting Optical Power: 0.5~5dBm

Physical Performance

- Power consumption: <6W
- Dimensions: 180mm(W) x 38mm(H) x 127mm(D)
- Working temperature: 0ºC ~ 40ºC
- Working humidity: 5% ~ 95%
- Weight: about 250g
- Power supply: 12 V DC
- Mounting mode: Desktop/Wall mounting
- Supports hidden and coiled fiber
- Backup battery: 3AH/6AH (Optional)

Main Function

- Supported service: Internet, IPTV
- GPON: 8 T-CONTs, 32 GEM Ports
- VLAN: 802.1Q, 802.1P, 802.1ad
- MAC address table: 1k
- Multicast: IGMP v1/v2 Snooping
- Multicast group per user port: 256
- QoS: service flow classification based on physical port, Ethernet type; ingress rate limit; egress shaping
- Management: local web management, OMCI

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