ZXDSL 9806H Datasheet

Bringing you Closer

ZXDSL 9806H is a GPON Optical Network Unit used in an FTTB/FTTC environment. It is a small sized device that supports POTS,FE and ADSL2+/SHDSL/VDSL2 access.

ZXDSL 9806H provides a GPON interface to connect OLT with an ODN. It offers new choice for operators to deliver FTTB/C access.

Interface Function

- Optical port (line terminal):
    - 1/2 * GPON interface (SC/APC)
- User **network interface**: 6 slots; 1 for control card, 1 for power supply card, 4 for service cards
    - 32 ADSL/ADSL2+,or 24/SHDSL, or 24/48/64 POTS, or 16 VDSL2/FE or4*E1 per card
    - 256 * POTS (VoIP) or
    - 64 * 10/100Base_T or
    - 128 * ADSL/ADSL2+
    - 96*SHDSL or
    - 64*VDSL2 at most

Transmission Rate

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

Transmission Distance

- Link distance: 0 ~ 20km max.

Transmission Wavelength

- Receiving: 1,490 nm
- Transmitting: 1,310 nm

Receiving Sensitivity

- Better than -29dBm

Transmitting Optical Power

- 1~5dBm

Overload Optical Power

- -5dBm

Physical Performance

- Power consumption: 75.8W(128 lines ADSL2/2+)
- Dimensions: 88 mm(H) * 482.6mm (W) *240 mm (D)
- Working temperature: -45ºC ~55ºC
- Working humidity: 5% ~100%
- Weight: <8.5kg
- Power supply: -48V DC or/and 110V/220 V AC
- Mounting mode: Rack/Cabinet/Desktop/Pole

Service Function

- Service: VoIP, Internet, IPTV
- SIP/H.248/MGCP
- Codec: G.711a/u, G.729a/b, G.723.1
- Auto registration at power-on
- 802.1q and 802.1p,802.1ad
- STP, RSTP
- IGMP snooping/proxy and controllable multicast
- Support SP,WRR and SP+WRR
- Loop back test for user ports
- DBA and FEC
- Priority queues and scheduling
- VLAN Trunking and Stacking
- Automatic L2 learning and aging
- Support on-line version upgrade
- Support IGMP Snooping, IGMP V1/V2, multi-cast VLAN, CAC, CDR, and PRV. Support up to 1k multi-cast channels and 4 MVLAN

ZTE中兴