ZXHN F625 is a GPON Optical Network Terminal designed for FTTH scenario. It provides subscribers rich, colorful, individualized, convenient and comfortable triple-play services including voice, video (IPTV/CATV) 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
- **Transmission Distance**: 0 ~ 20km
- **4 x 10/100/1000Base-T; Half/full duplex; Auto MDI/MDIX; Auto negotiation**
- **2 x POTS interfaces**
- **1 x RF coaxial connector for CATV**

### Optical Module
- **Wavelength**:
  - Receiving: 1480~1500 nm
  - Transmitting: 1290~1330 nm
  - Third party wavelength: 1550~1560 nm
- **Receiving Sensitivity**: -28dBm
- **Transmitting Optical Power**: 0.5~5dBm

### Physical Performance
- **Power consumption**: <9W
- **Dimensions**: 220mm(W) x 34mm(H) x 187mm(D)
- **Working temperature**: 0°C ~ 40°C
- **Working humidity**: 5% ~ 95%
- **Weight**: about 450g
- **Power supply**: 12 V DC
- **Mounting mode**: Desktop/Wall mounting

### Main Function
- **Supported service**: VoIP, Internet, IPTV, CATV
- **GPON**: 8 T-CONTs, 32 GEM Ports
- **VLAN**: 802.1Q, 802.1P, 802.1ad
- **MAC address table**: 1k
- **VoIP**: SIP/H.248, G.711/G.722/G.729, T.30/T.38
- **Multicast**: IGMP v1/v2 Snooping
- **Multicast group per user port**: 256
- **QoS**: service flow classification based on physical port, MAC address, VLAN ID, VLAN priority level, IP address; SP/WRR/SP+WRR
- **Management**: local web management, OMCI, TR069