

1GE GPON ONT

Introduction

FOT GONT100 is 1GE GPON ONT, which designed as residential gateway to provide high speed Gigabit data services for fiber to the home network. GONT100 compliant with ITU-T G.984.1/2/3/4, with up to 2.5Gbps downstream and 1.25Gbps upstream.



Features

- Compliant with ITU-T G.984.1/2/3/4.
- Up to 2.5Gbps downstream and 1.25Gbps upstream access
- Support IPTV
- Gigabit interface
- Remote management, firmware upgrade via OMCI
- IGMP filtering & snooping
- Multicasting IGMP v1,v2,v3

Specifications

Item	Parameters
Model	GONT100
Interface/Button	1* SC/APC GPON interface 1* 10/100/1000 BASE-T/TX, RJ-45 connectors 1*power button
Wavelength	Downstream:1310nm Upstream: 1490nm - 28dB optical loss budget (Class B+: -8 ~ -27dBm)
Standards	ITU-T G.984.1, 984.2, 984.3, 984.4, 984.5(optional)

	IEEE 802.1p IEEE 802.1Q IEEE 802.1z IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3z
QoS	Port-based VLAN Q-in-Q VLAN Strict Priority Weighted Round-Robin priority IGMP filtering & snooping Multicasting IGMP v1,v2,v3
Security	IEEE 802.1x port authentication AES-128 Encryption per Port-ID Firewall Max. 256 Mac filtering
Management	Remote management via OMCI CLI management via Telnet Loopback test Remote firmware upgrade via FTP server or OMCI channel
Power	Power: 12V DC / 0.5A max input
Dimension	35*81*107mm(W*L*H) Fiber Tray: 47* 102 * 167mm (H*W*D) (Option)
Operating Environment	Operating Temperature: 0~40 °C Operating Humidity: 10%~90% (non-condensed) Storage Temperature: -20 ~ +65 °C