

FiberTechnic® Ftech GWX6-04-DF

GPON ONU 4GE+2POTS+Dual-Band WiFi6 AX 5Ghz 1,2Gb SC/APC



FiberTechnic® Ftech GWX6-04-DF features high-performance forwarding capabilities to ensure excellent experience with VoIP and Internet. It fully meets the ITU-T technical standards and have good compatibility with third party OLT. It provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

FiberTechnic® Ftech GWX6-04-DF integrate wireless function which meets 802.11 b/g/n/ac/ax technical standards. At the same time, it also supports 2.4GHz/5GHz dual-band wireless signal. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

Functional Feature

- Single-fiber access, provides internet, WIFI ,VOIP multiple service.
- In compliant with ITU - T G. 984 and IEEE802.3ah standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support VLAN transparent, tag configuration
- Support multicast function
- Support DHCP/Static/PPPOE internet mode
- Support port-binding
- Support data encryption and decryption function
- Support Dynamic Bandwidth Allocation (DBA)
- Support MAC filter and URL access control
- Support power-off alarm function ,easy for link problem detection
- Specialized design for system breakdown prevention to maintain stable system
- EMS network management based on
- SNMP ,convenient for maintenance
- Support MESH function

Hardware

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|-------------------------------------|--|
| GPON/EPON Port | |
| Single mode single fiber | |
| GPON | FSAN G.984.2 standard,Class B+ |
| EPON | 1000BASE-PX20+ symmetric |
| GPON | 2.488Gbps/1.244Gbps downstream/upstream |
| EPON | EPON: 1.25Gbps downstream/upstream |
| Wavelength | Transmit: 1310nm Receiver: 1490nm |
| Receiving sensitivity | GPON:-28dBm EPON:-27dBm |
| Saturated power | GPON: -8dBm EPON: -3dBm |
| Transmitting power | GPON: 0.5~5dBm EPON: 0~4dBm |
| User Port(LAN) | RJ-45 connector 4*10/100/1000Mbps adaptive Ethernet port Full/half duplex Auto MDI/MDI-X |
| WiFi performance parameters | IEEE802.11b/g/n/ax(2.4G) IEEE802.11a/n/ac/ax(5G) |
| 2.4G | 40Mhz bandwidth maximum rate 600Mbps |
| 5G | 80Mhz bandwidth maximum rate 1201Mbps |
| Total wireless rate is 1800Mbps | 2.4G EIRP:19dBm 5 G EIRP:17dBm |
| User Port(POTS) | RJ-11 connector 2*POTS SIP protocol TDMF G711U/G711A/G729/G722 encoding and decoding |
| Power | External 12VDC/1.5A power supply adapter Power consumption: <12W |
| Indicators | PWR / PON / LOS / LAN / INT / TEL / USB / WIFI |
| Dimension and Weight | 240mm(L) x 240mm(W) x 24mm (H) Item weight:0.317kg |
| Environmental Specifications | Operating temperature: 0 to 40°C Storage temperature: -40 to 85°C Operating humidity: 10% to 90%(Non-condensing) |