

Description

ONU16F Optic network unit (16RJ45 PORTS+16RJ11 PORTS)

ONU16F is EPON customer premise equipments aiming at FTTB compliant to CTC V2.0 standard. And it supports CIL local management and SNMP GUI network management. ONU16F can provide high-speed data ,voice service—VoIP service based on SIP/H.248 protocol



ONU16series adopts 19" 1U standard machinery frame, and provides data interfaces and phone interface to offer more selectivity and practicability for the users.

Features

- Comply with CTC V2.0 technical specification
- Support two types of PON→ physical interfaces (1000Base-PX10/PX20)
- Support CTC V2.0 OAM and extended→ OAM
- Support DBA and various SLA
- Support port flow control and bandwidth control
- Support IGMP Snooping multicast
- Support 802.1Q VLAN
- Support Q-in-Q VLAN
- Support STP/RSTP
- Support ACL
- Support port mirror
- Support CLI/SNMP/TELNET management, support→ in-band management
- supports VoIP protocol of SIP or H.248
- Support various ways of getting IP: PPPoE/DHCP/static IP
- Lightning protection of FE interface

Performance

| Item | unit | Description |
|--------------------------------|------|---|
| Optical characteristics | | |
| Optical fiber | | Single fiber SM |
| Connector type | | SC connector |
| Data rate | G | 1Gbps up and down stream |
| Optical loss budget | dB | 27 |
| Operation wavelength | nm | Up-TX:1310nm, down-Rx:1490nm CATV:1550nm |
| Output power | dBm | -1~4dBm |
| Receiver sensitivety | dBm | -26dBm |
| Receiver saturation | dBm | -3dBm |
| Electrical performance | | |
| Front interfaces | | PON port(SC connector) 10/100M RJ45 port RJ11 port CATV port(RF) |
| User authentication | | IEEE802.1x |
| QoS | | IEEE802.1p IPv4 TOS priority |
| PON standards | | IEEE802.3ah |
| Front interface link | | LED: power, alarm, lan link status and PON link status |
| Management | | CLI. WEB |
| General | | |
| Power supply | V | DC-12 or AC220V |
| Power consumption | W | 40 |
| Operating temperature | ℃ | -5~50 |
| Relative humidity | % | 10%~90% |