

Description

ONU16V 16F+16Voice+1Catv Optic network unit

ONU16V1R 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. ONU16V1R can provide high-speed data ,voice service—VoIP service based on SIP/H.248 protocol and 1port CATV(45~860Mhz)



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 AC220
Power consumption	W	40
Operating temperature	°C	-5~50
Relative humidity	%	10%~90%