

Optical Line Terminal - modelo GEPON VSGE1001 ONU



Resumo do Produto

EPON ONU ONU FD101HC/FD111HC support 1000Base-PX20 standard with 1:64 maximum optical splitting ratio and providing 20km distance, 1 uplink GE PON port

ONU together with OLT could realize flexible network structure and maintenance and provide total FTTx solutions.

Características do Produto

Support data encryption, group broadcasting, Support data encryption, port Vlan separation;
Support Dynamic Bandwidth Allocation (DBA)
Support ONU auto-discovery/Link detection/remote upgrade of software;
Support VLAN division and user separation to avoid broadcast storm;
Support power-off alarm function ,easy for link problem detection
Support port-based rate limitation and bandwidth control;
In compliant with IEEE802.3ah Standard;
Up to 20KM transmission Distance

Especificação do Produto

Item		GPON VS-GPOLT1008	
Interface	Pon Interface	1 EPON optical interface	
		Meet 1000BASE-PX20+ standard	
	Symmetric 1.25Gbps upstream/downstream		
		SC single-mode	
		Fiber split ratio: 1:64	
		Transmission distance 20KM	
	User Ethernet Interface	1*10/100/1000M auto-negotiation Full Duplex / Half-Duplex RJ45, Auto-MDI/MDI-X Transmission Distance 100 Meter	
	Power Supply Port	12V DC input	
Performance Parameters	PON Optical Parameter	Wavelength: Tx 1310nm, Rx 1490nm Tx Optical Power: -1 ~ 4dBm Rx Sensitivity: -27dBm Saturation Optical Power: -3dBm Connector Type: SC Optical Fiber: 9/125µm single-mode fiber	
	Data Transmission Parameter	PON Throughput: Downstream 950Mbps; Upstream 930Mbps Ethernet: 100Mbps (FD101HC), 1000Mbps (FD111HC) Packet Loss Ratio: < 1*10 ⁻⁶	
	Business Capability	Layer 2 wire speed switching Support VLAN TAG/UNTAG, VLAN conversion Support Port-based speed limitation Support Priority classification Support storm control of broadcast	
Network Management	Management Mode	Support IEEE 802.3 QAM, ONU can be remotely managed by OLT Support Remote management through SNMP and Telnet Local management	
	Management Function	Status monitor, Configuration management, Alarm management, Log management	
Indicator	Led Indicator	PWR: Power up or down SYS: System instructions OPTIN: Optical Link Status LINK: ONU Registered LAN: Link Status of Ethernet Interface	
	Shell	Plastic Case (FTTH Option)	
	Power	External 12V 0.5A AC/DC power supply adapter Power consumption: < 2W (FD101HC), < 2.3W (FD111HC)	
Physical Features	Physical Specifications	Item Dimension: 110mm(L) x 70mm(W) x 30mm(H) Item weight: 0.1kg	
	Environmental Specifications	Operating temperature: 0 to 50 °C Storage temperature: -40 to 85 °C Operating humidity: 10% to 90% (Non-condensing) Storage humidity: 10% to 90% (Non-condensing)	