

ONU Bridge: FLT SF001G Datasheet



Resumo do Produto

O ONU Bridge: FLT SF001G faz parte da série de terminais de usuário de rede ótica passiva Gigabit. Possui conformidade com o padrão internacional ITU-T G. 984, boa interoperabilidade com a maior parte dos GPON OLT da indústria, oferecendo suporte a OMCI completo. Implantação fácil e econômica, software estável e fortes vantagens funcionais. É especialmente adequado para FTTH (Fiber to the Home) e atende aos requisitos de acesso à rede banda larga.

Product Feature

- Support 4094 VLANs
- Support 2K MAC address table, support MAC address limitation
- Support port speed limitation, storm control
- Support Dying Gasp
- Support IGMP Snooping, support CTC controllable multicast
- Support 4priority queues scheduling with SP algorithms
- Support OMCI, CLI and WEB configuration management
- Support remote upgrade with OLT and local upgrade in WEB

Hardware Specification

Upstream	1 GPON interface, SC single-mode/single-fiber
Wavelength	Tx 1310nm, Rx 1490nm
Optical interface	SC/PC connector
Downstream	1x 10/100/1000Mbps auto adaptive Ethernet interfaces, Full Duplex/Half Duplex, RJ45 connectors
LED indicators	4 indicators, for status of power, PON port and Ethernet ports
DC power supply	+12V, external AC-DC power adaptor
Power switch	1 Power On/Off
Power consumption	≤4W
Operating condition	Operating temp: -5 - +55°C, operating humidity:10-90%(non-condensed)
Storing condition	Storing temp: -30 - +60°C, storing humidity:10-90%(non-condensed)
Dimension	87mm (Length) * 85mm (Width) * 27mm (Height)
Net weight	<0.5kg

Software Specification

PON port	Compliance with ITU-T G.984.x, and CTC standards
	Support 4 priority queues scheduling with SP algorithms
	Support Dying gasp
Ethernet ports	Support MDI/MDIX
	Support ingress/egress rate limitation
VLAN	Support 4094 VLANs
	Support 802.1Q VLAN
	Support SVLAN
	Support CTC VLAN
MAC Learning	Support 2K MAC address
	Support MAC limitation
	Support static MAC address
	Configurable aging time
STP	Support IEEE 802.1d (STP)
Multicast	Support IGMP Snooping
	Support 255 multicast entry
	Support CTC controllable Snooping
QoS	Support 802.1p priority queue scheduling
	Support SP scheduling algorithms
ACL	Rule according to destination IP, source IP, destination MAC, source MAC, destination protocol port number, source protocol port number, SVLAN, Ethernet type, IP priority, IP packet protocol type etc.
	Packet filtering according to above rules
Flow Control	Support IEEE 802.3x duplex flow control
	Support port rate limitation



Mirroring	Support port mirroring for LAN interfaces, PON ports and CPU
Maintenance	Support configuration saving, and restore to factory configuration
	Support local upgrading through telnet and web
	Support remote upgrading from OLT
Management	Support local or remote CLI configuration
	Support web configuration
	Support OMCI