

DATA GPON 8 TX

GPON



Optical Line Terminal (OLT) for data distribution over optical fibre.

8xPON, Uplink: 4xGE + 2xSFP 1GE + 2xSFP+ 10GE, dual slots for power supply.

Management via SNMP, WEB, CLI, Telnet).

Technical Chars

- Optical Line Terminal (OLT) for data distribution over optical fibre.

DATA GPON 8 TX		
Code		287559
LAN input		4x 10/100/1000M auto-negotiable, 2x SFP 1GE, 2x SFP+ 10GE
PON section		
Optical Sensitivity		Up to -30 (@1310nm)
Optical saturation		-12 (@1310nm)
Max speed		1,244 (Uplink) / 2,488 (Downlink)
PON max distance	Mbit/s	1,244 (Uplink) / 2,488 (Downlink)
Optical output		
Connectors type		SFP Class C++ (SC/UPC connector)
PON ports		8x PON
PON max splitting		1:128
Wavelength	nm	TX: 1490 / RX: 1310
PON max distance	Mbit/s	1,244 (Uplink) / 2,488 (Downlink)
PON max distance	Km	20
Optical power	dBm	3 ÷ 7 (@1490nm)
Optical saturation		-12 (@1310nm)
Optical Sensitivity		Up to -30 (@1310nm)

Functionality		
Layer 2 features		- Up to 16k MAC Addresses - Supports up to 4096 VLANs - Supports VLAN ports and VLAN protocols - VLAN Tag/Untag support, VLAN transparent transmission - VLAN translation and QinQ support - Port-based storm control - Supports port isolation - Supports single port traffic limiting - 802.1d and 802.1w support - Static LACP support - Port-based QoS, VID, TOS and MAC address - Access control list - IEEE802.x flow control - Statistical port stability monitoring
Layer 3 features		- LAYER 3 Routing - ARP proxy - Static route - 1024 hardware Host Routes - 512 hardware Subnet Routes
Software functionality		<ul style="list-style-type: none"> • IGMP snooping • Up to 256 Multicast Groups • DHCP server, DHCP relay, DHCP snooping • Tcont Dynamic Band Allocation (DBA) • Gempport traffic • Compliance with the ITUT984.x standard • Transmission distance up to 20Km. • Support data encryption, multicast, port VLAN, separation, RSTP, etc. • Support ONT auto-discovery / link detection / software update remote • Support for VLAN splitting and user separation to avoid i Broadcast Storm • Power failure alarms support for facilitation the resolution of the anomalies • Support for Broadcasting Storm functionality • Support for isolation between different doors • ACL and SNMP support for configuration and packet filtering data • Designed to keep the system running and prevent breakage accidental • Support for RSTP, IGMP Proxy
Management		
Management mode		SNMP, Telnet, CLI, Web interface, EMS
Management mode		- Status, configuration and monitoring of doors - Ventilation group control - Online configuration of ONT receivers - User and alarm management
Features		
Power supply	TBD	100-240, 50/60
Power Consumption	W	45
Working temperature	°C	From 0 to +50
Storage temperature	°C	From -40 to +85
Relative humidity	%	5 to 90 (without condensation)
Dimensions	mm	442 x 220 x 43,6

Dimensions and packaging		
Packing		Single
Pcs		1
EAN code		8016978103980
Packaging dimensions	mm - LxWxH	575 x 500 x 115
Packaging weight	Kg	6.9
Weight	Kg	3,1