FRACARRO

DATA GPON 8 TX

GPON

Optical Line Terminal (OLT) for data distribution over optical fibre.
8xPON, Uplink: 4xGE + 2xSFP 1GE + 2xSFP+ 10GE, dual power slots.
Management via SNMP, WEB, CLI, Telnet.

Technical Chars

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

DATA GPON 8 TX		
Code		287559
UPLINK port		4 x 10/100/1000M auto-negotiation, 2 SFP 1GE, 2 x SFP+ 10GE
Management ports		1 x 10/100 Base-T (outband management port), 1 x RJ45 (console management)
PON Section		
Optical sensitivity		Up to -30 (@1310nm)
Optical saturation		-12 (@1310nm)
Max. speed		1.244 (Uplink) / 2.488 (Downlink)
PON max. distance	Mbps	1.244 (Uplink)/2.488 (Downlink)
Optical output		
Connector type		SFP Class C++ (SC/UPC connector)
PON ports		8
PON splitting		1:128
Wavelength	nm	Tx: 1490 / Rx: 1310
PON max. distance	Mbps	1.244 (Uplink)/2.488 (Downlink)
PON max. distance	Km	20
Optical power	dBm	3 to 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		- IGMP snooping - Up to 256 multicast groups - DHCP server, DHCP relay, DHCP snooping - Dynamic Band Allocation (DBA) - Gemport 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 a broadcast storm - Power failure alarms to alert system operator - 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 maintain system stability - Support for RSTP, IGMP Proxy

Management

Option mode		- Status, configuration and monitoring of ports - Ventilation control - Online configuration of ONT receivers - User and alarm management

Specifications

Power supply voltage	Vdc/A	100 - 240/50 - 60
Current consumption	W	45
Operating temperature	°C	0 to +50
Storage temperature	°C	-40 to +85
Relative humidity	%	5 to 90 (without condensation)

Dimensions and packaging

Packing		Single
Pieces		1
EAN code		8016978103980
Packaging dimensions	mm	575 x 500 x 115
Product dimensions	mm	442 x 220 x 43.6
Packaging weight	Kg	6.9
Weight	Kg	3.1