

DATA GPON 8 TX



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

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

NAME		DATA GPON 8 TX
Code		287559
LAN inputs		4x 10/100/1000M self-negotiable, 2x SFP 1GE, 2x SFP+ 10GE
LAN management		1x 10/100Base-T (outband management port), 1x RJ45 (Console management)
Connectors		SFP Class C++ (SC/UPC connector)
PON ports		8x PON
PON max splitting		0.130556
Wavelength	nm	TX: 1490 / RX: 1310
PON max speed	Gbits	1,244 (Uplink) / 2,488 (Downlink)
PON max distance	Km	20
Optical power output	dBm	3 ÷ 7 (@1490nm)
Optical saturation	dBm	-12 (@1310nm)
Sensitivity input optic	dBm	up to -30 (@1310nm)
Management		
Management mode		SNMP, Telnet, CLI, Web interface, EMS
Management option		-Status, port configuration and monitoring -Check on cooling unit -Online configuration for ONT receiver -User and alarm management
Functionality		

Layer 2 features	- Up to 16k MAC address - Up to 4096 VLAN support - Support for VLAN ports and protocols - VLAN tag/untag, Transparent VLAN transmission - QinQ and VLAN translation support - Storm control based on the port - Port isolation function supported - Single port traffic limit supported - 802.1d and 802.1w support - Static LACP support - QoS based on port, VID, TOS and MAC address - Access control list - IEEE802.x flux control - Statistical monitoring of ports stability
Layer 3 features	3 Routing layers - 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 - Tcont Dynamic Band Allocation (DBA) - Gempport traffic - ITUT984.x compliant - Up to 20km transmission range. - data encryption support, multicast, port VLAN, separation, RSTP, - ONT auto-discovery support, link detection, remote software update - VLAN and user split to prevent Broadcast Storm - Support to the alarm without power to resolve issues - Broadcasting Storm function support - Ports isolation support - ACL and SNMP support for configuration and data filtering - Designed to keep the sistem working and prevent accidental damages - RSTP and IGMP Proxy support

Features

Power supply	Vac, Hz	100-240, 50/60
Consumption	W	45
Operating temperature	°C	from 0 to +50
Storage temperature	°C	from -40 to +85
Relative humidity	%	from 5 to 90 (no conditioning)
Weight	Kg	3.100000
Dimensions	mm	442 x 220 x 43,6
Barcode		8016978103980
Packaging		Single
Packaging dimensions	mm	575x500x115
Packaging weight	Kg	6.900000