

DATA GPON 4 TX

GPON



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

4xPON, Uplink: 4xGE + 2xSFP 1GE, 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 4 TX | | |
|---------------------|--------|---|
| Code | | 287558 |
| LAN input | | 4x 10/100/1000M auto-negotiable, 2x SFP 1GE / 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 | | 4x 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 | 35 |
| 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 | | 8016978103973 |
| Packaging dimensions | mm - LxWxH | 575 x 380 x 115 |
| Packaging weight | Kg | 5.1 |
| Weight | Kg | 2,8 |