

OLT512 Optical Line Terminal

OLT512 is the service provider compact end point for customers willing to deploy an FTTX infrastructure using GPON technology.

Specially designed for medium/small residential environments and compatible with ITU-T G.984X, OLT512 is a cost-effective solution that enables triple play services (Data, TV, telephone) for up to 512 subscribers with 2,5Gbps/1,24Gbps downstream/upstream bandwidth.

- Range up to 60Km.
- Standard Gigabit Ethernet Uplinks 4x1GbE / 4x10GbE
- Equipped with test output.
- Remote operation and monitoring.

| REF. | DESCRIPTION |
|--------|-------------|
| 769401 | OLT512 |
| 769410 | SFP GPON |
| 769411 | SFP Gbe |

| Art.number | | 769401 |
|--|------|----------------|
| GPON | | |
| Downstream / Upstream bit rate | Gbps | 2.488 / 1.244 |
| AES Encryption | | |
| ONT per PON (512 subscribers) | | >64 |
| Logical Range | Km | 60 |
| Maximun Differential Distance | Km | 20 |
| GPON Type B redundancy | | |
| L2 layer | | |
| IEEE 802.1Q VLAN tagging and Q-in-Q VLAN stacking | | |
| VLAN-ID conversion to GEM port-ID | | |
| Load balancing | | |
| Priority management | | |
| Full wire speed GPON Performance | | |
| IPTV Features | | |
| IGMP v2 / v3 | | |
| Multicast | | |
| IPTV streams | | >1024 |
| Management | | |
| Local management by CLI and HTTP/HTTPS browser | | |
| Remote management using SSH, Telnet and SNMP protocols | | |
| General | | |
| Temperature conditions | °F | 41...113 |
| Relative Humidity Range | % | 95 |
| Power supply | VDC | -40,5 to -57,0 |

