

OLT-GPON01

Optical Transmitter

-  **Integrated GPON connector**
-  **Centralized AP/ONU management**
-  **VLAN and Layer 3 management**
-  **Upstream/Downstream bandwidth 1.25/2.5 Gbps**
-  **Maximum transmission distance 20 km**
-  **Integrated power supply**
-  **Compact metal chassis**



Designed to ensure high-performance fiber-optic connectivity, providing centralized network management. The system enables the simultaneous delivery of data, voice, and video services over a single optical infrastructure. Advanced Layer 3 features, combined with network routing and segmentation capabilities, optimize traffic management and enhance the security of the infrastructure.

| MODEL | OLT-GPON01 | |
|-------------------------------|------------|--------------------------------|
| GPON | | |
| PON PORTS | n° | 1 integrated GPON port |
| FIBER TYPE | µm | 9/125 SM |
| CONNECTOR TYPE | | SC/UPC integrated |
| TRANSMISSION OPTICAL POWER | dBm | 7,5 ± 0,5 |
| RECEPTION OPTICAL SENSITIVITY | dBm | -32 |
| MAXIMUM SPEED | Gbps | Upstream 1.25 / Downstream 2.5 |
| OPTICAL WAVE LENGTHS | nm | TX 1490 / RX 1310 |
| SPLIT | | 1:128 |
| MAXIMUM TRANSMISSION DISTANCE | Km | 20 |
| UPLINK | | |
| RJ45 (GE) | n° | 2 |
| SFP+ (10GE) | n° | 1 |
| OTHERS | | |
| MANAGEMENT PORT | | 1 x USB-COM (type-C) |
| SWITCHING BACKPLANE CAPACITY | Gbps | 14 |
| PORT FORWARDING RATE | Mbps | 20.832 |
| MANAGEMENT MODE | | WEB / TELNET / CLI / SNMP |
| AC INPUT | V | 100 ÷ 240 |
| DC INPUT 12V | A | 2 Max |
| OPERATING TEMPERATURE | °C | -20 - +60 |
| MAXIMUM CONSUMPTION | W | 24 |
| CHASSIS | | RACK 1U |
| DIMENSIONS | | 210 x 173 x 43.6 / 1 Kg |

