Data sheet

OLTH 1-01 Hospitality OLT | 1 × GPON



- ✔ Compact design
- ✔ Simple commissioning/maintenance
- ✔ Broadband Internet for up to 128 rooms/desktops
- ✔ 2.5 Gbps @ downstream (1490 nm)
- ✔ 1.25 Gbps @ upstream (1310 nm)
- ✔ GPON acc. to ITU-T G.984/G.988
- ✔ GPON SFP modul (Class C++) included
- ✔ Management over CLI/WEB/Telnet/SSH/MQTT
- ✔ In desktop housing
- ✔ Brackets for mounting in a 19'' rack included

Order information

Type	OLTH 1-01
Order no.	OLTH00101
GTIN	7611682400625
PE	1
VE	1
EU customs tariff number	85291095

Technical data

PON	
Number	1
Connector type	SFP Class C++ (SC/UPC)
Standard	GPON: ITU-T G.984.2
Fiber type	9/125 µm SMF (Single Mode Fiber)
Max. splitting ratio	1 : 128
Transmission range	20 km
Data rate	2.5 Gbps @ Downstream 1.25 Gbps @ Upstream
Wavelength	1490 nm @ Downstream 1310nm @ Upstream
Receiving sensitivity	–31 dBm @ Class C++
Saturation power	–10 dBm @ Class C++
Interfaces	
SFP	1 × 10GE SFP+
Ethernet connectors	1 × RJ 45 Uplink 1 × RJ 45 MGMT
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	RS 232
General	
Operating temperature range	–15 … 50° C
Storage temperature range	–40 … 85° C
Operating humidity (non-condensing)	5 … 90 %
Operating voltage	100 … 240 VAC/50 … 60 Hz
Power consumption	16 W
Dimensions (W × H × D) appr.	313 × 41 × 290 mm

Suitable products

OEP 11-01 Optical GPON Endpoint | 1 × GE
OEP 41-01 Optical GPON Endpoint | 4 × GE
OEP 43-01 Optical GPON Endpoint | 4 × GE + CATV
OSE 44-01 Optical GPON Switch Endpoint | 4 × GE + PoE
OVE 116-13 Optical 16-way splitter | SC/APC | 19"
OVE 132-13 Optical 32-way splitter | SC/APC | 19"
OVE 164-13 Optical 64-way splitter | SC/APC | 19"
OAK 1-53 Adapter cable | SC/UPC - SC/APC | 1 m
OAK 5-53 Adapter cable | SC/UPC - SC/APC | 5 m