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
✔ 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	

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	90 … 240 VAC/47 … 63 Hz 12 VDC
Dimensions (W × H × D) appr.	313 × 41 × 290 mm