OEP 43-01 Optical GPON Endpoint | 4 × GE + CATV



- ✔ For connecting a room/desktop to a hospitality OLT
- ✔ GPON according to ITU-T G.984/G.988
- ✔ 1 × GPON
- ✔ 4 x RJ 45 connection for 1000BaseT Gigabit Ethernet
- ✔ 1 × F-female for CATV 47 … 1006 MHz

Order information

Type	OEP 43-01
Order no.	OEP04301
GTIN	7611682400991
PE	1
VE	1
EU customs tariff number	85291095

Technical data

PON	
Number	1
Connector type	SC/APC
Standard	GPON: ITU-T G.984/G.988, Class B+
Fiber type	9/125 µm SMF (Single Mode Fiber)
Data rate	2.5 Gbps @ Downstream 1.25 Gbps @ Upstream
Wavelength	1490 nm @ Downstream 1310 nm @ Upstream 1550 nm @ CATV
Receiving sensitivity	–28 dBm @ Class B+
Saturation power	–8 dBm @ Class B+
Output	
Output level	78 dBµV (AGC)
Impedance	75 Ω
RFoG	
Input wavelength	1550 nm
Input AGC range	–12 dBm … –2 dBm
Output level	78 dBµV
Interfaces	
Ethernet connectors	4 × RJ 45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
General	
Operating temperature range	0 … 40° C
Operating humidity (non-condensing)	10 … 90 %
Operating voltage	12 VDC
Power consumption	< 7 W
Dimensions (W × H × D) appr.	160 × 29 × 112 mm
Weight	0.258 kg
External accessories	
Plug-in power supply	230 VAC | 12 VDC/1.0 A

Suitable products

OAPL 1-03 Optical APL
OAK 1-03 Optic cable | SC/APC | 1 m
OAK 5-03 Optic cable | SC/APC | 5 m