OSE 44-01 Optical GPON Switch Endpoint | 4 × GE + PoE



- ✔ For connecting up to 4 Ethernet-capable end devices to a hospitality OLT
- ✔ GPON according to ITU-T G.984/G.988
- ✔ 1 × GPON
- ✔ 4 x RJ 45 connection for 1000BaseT Gigabit Ethernet
- ✔ Supports PoE+ (PSE)

Order information

Type	OSE 44-01
Order no.	OSE04401
GTIN	7611682401004
PE	1
VE	1
EU customs tariff number	85442000

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 1310nm @ Upstream
Receiving sensitivity	–28 dBm @ Class B+
Saturation power	–8 dBm @ Class B+
Interfaces	
Ethernet connectors	4 × RJ 45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
POE output power	56 W/Switch 30 W/Port
General	
Operating temperature range	–30 … 65° C
Operating humidity (non-condensing)	10 … 90 %
Operating voltage	48 VDC
Power consumption	< 60 W
Dimensions (W × H × D) appr.	150 × 30 × 115 mm
Weight	0.500 kg
External accessories	
Switching power supply	100…240 VAC/50…60 Hz | 48 VDC/1,8 A