

## OSE 44-02 Optical XGS-PON Switch Endpoint | 4 × 2,5 GE + PoE



- ✓ For connecting up to 4 Ethernet-enabled devices to a hospitality OLT
- ✓ XGS-PON compliant with ITU-T G.9807.1
- ✓ 1 × XGS-PON
- ✓ 1 × RJ45 port for 2.5 GE
- ✓ 3 × RJ45 ports for 1 GE
- ✓ Supports PoE (PSE)

### Order information

|                          |               |
|--------------------------|---------------|
| Type                     | OSE 44-02     |
| Order no.                | OSE04402      |
| GTIN                     | 7611682402001 |
| PE                       |               |
| VE                       |               |
| EU customs tariff number |               |

### Technical data

#### PON

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Number                              | 1                                          |
| Connector type                      | SC/APC                                     |
| Standard                            | XGS-PON: ITU-T G.9807.1 standard           |
| Fiber type                          | 9/125 µm SMF (Single Mode Fiber)           |
| Data rate                           | 10 Gbps @ Downstream<br>10 Gbps @ Upstream |
| Wavelength                          | 1270 nm @ Downstream<br>1577 nm @ Upstream |
| Receiving sensitivity               | -28 dBm @ Class B+                         |
| Saturation power                    | -9 dBm @ Class B+                          |
| Interfaces                          |                                            |
| Ethernet connectors                 | 4 × RJ 45                                  |
| Ethernet standards                  | IEEE 802.3ah, 1000 Base-T                  |
| POE output power                    | 56 W/Switch<br>30 W/Port                   |
| General                             |                                            |
| Operating temperature range         | -30 ... 65° C                              |
| Operating humidity (non-condensing) | 10 ... 90 %                                |
| Operating voltage                   | 48 VDC                                     |
| Dimensions (W × H × D) appr.        | 180 × 30 × 122 mm                          |
| Weight                              | 0.500 kg                                   |
| External accessories                |                                            |
| Switching power supply              | 100...240 VAC/50...60 Hz   48 VDC/1,8 A    |