



Extralink | OLT | EPON, 4GE Lite



link to the product:

<https://www.batna24.com/gb/p/olt-and-ont/extralink-olt-epon-4ge-lite>

Price: **5,777.47 zł** gross / 4,697.13 zł net

Manufacturer: EXTRALINK



Referention number: DNXEDIJPGRMPLI

Full product description

OLT EPON 4GE LITE - the perfect OLT terminal for FTTx applications

The Extralink OLT E04-2 is a GEAPON OLT (Optical Line Terminal) specially designed for **FTTx point-to-multipoint (PtMP)** applications. The FHL104C has GEAPON ports, gigabit SFP uplink interfaces and one management port. The 1U high enclosure allows for **easy installation in a rack**. Simple management facilitates the installation and maintenance of the Gigabit fiber network. In case of cooperation with GEAPON ONT (Optical Network Terminal) the Extralink OLT E04-2 terminal guarantees highly efficient GEAPON solutions for broadband networks. Thanks to the integration of advanced telecommunication industry technologies, it provides useful Ethernet functions such as VLAN, Multicast, DBA (Dynamic Bandwidth Allocation) and Access Control List.



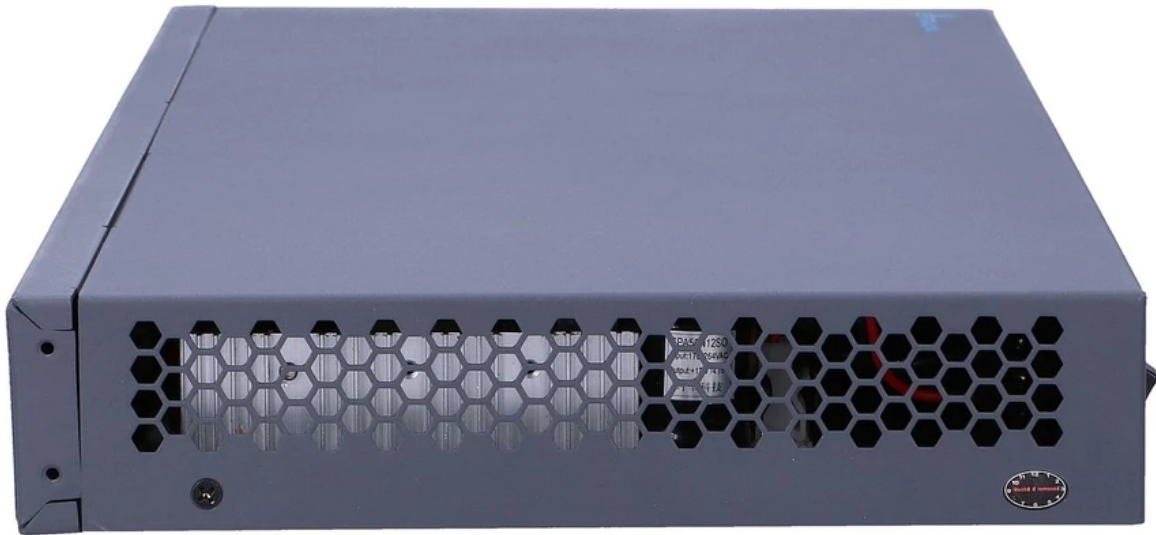
Economical and far-reaching Triple Play applications with high throughput

The Extralink OLT E04-2 optical network terminal provides **fast data, voice and video transmission services** to individual and business subscribers. Thanks to the PON technology, the device offers a competitive advantage, including **long-term lifetime** of fiber optic infrastructure, **lower operating costs** resulting from the reduction of "active" components, handling of distances up to 20 km between device nodes, **easy installation and maintenance**, and most importantly, a guarantee of **much higher capacity**. The Extralink OLT E04-2 is the ideal solution for applications that mean cost-effectiveness, scalability and flexibility in network deployment.



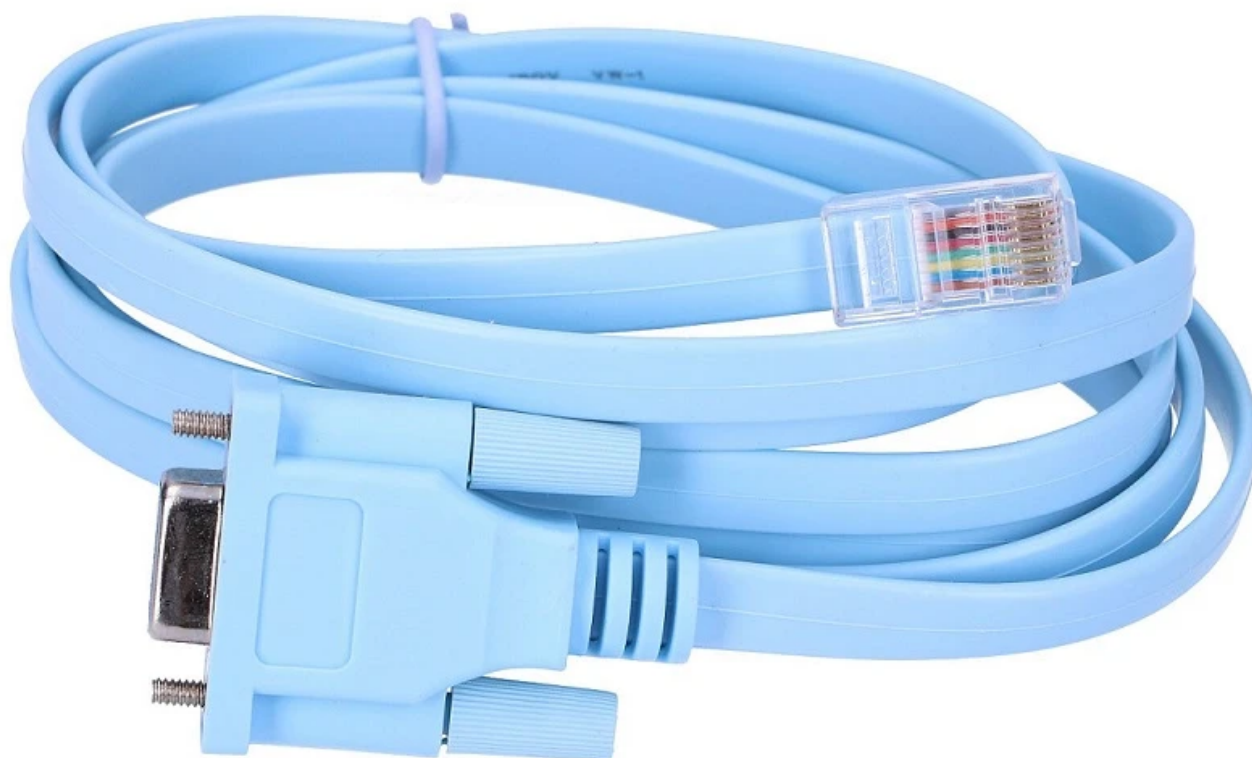
A cost-effective network connection solution

Thanks to the high split ratio of 1:64 and 2 PON ports, the Extralink OLT E04-2 terminal allows the implementation of **to 64*4 ONT**, thus minimizing investment costs. The multi-point communication protocol based on Gigabit Ethernet enables **sharing of the Gigabit fiber optic communication by multiple end users** using a passive optical splitter. The Extralink OLT E04-2 terminal offers network users the benefits of high bandwidth, grouping flexibility, as well as line resource savings and end equipment.



Efficient management of ONU units

The Extralink OLT E04-2 supports a variety of operational and monitoring functions for effective management of ONUs, including automatic ONU detection, automatic recording, call testing, MAC address binding and filtering, QoS, bandwidth control, flow control and multicast stream control. The Extralink OLT E04-2's Gigabit SFP uplink interfaces are compatible with **WDM SFP** (Small Form Factor Pluggable) and **1000Base-SX/LX** fiber modules.



Special features

- Access to 4 PON ports
- 4 Gigabit Uplink Combo services
- Support for up to 256 ONT (1:64 splitter)
- L2 replacement support, basic L3 routing function, 200 G broadband switching
- RS232 (RJ45) serial port configuration, external network port management
- CLI command line support
- Typical power consumption 32 W
- Dynamic capacity allocation (DBA)
- Support for ONT MAC automatic tying and filtering
- Offline service configuration and automatic service deployment
- PON port isolation, AEC encryption
- Up to 4094 VLAN, transparent transmission and conversion, VLAN stack (QinQ)
- Up to 16 K MAC addresses
- IGMP v1/v2 Snooping and Proxy
- Priority queue planning, support for SP, WRR and SP + WRR algorithm
- Limitation of transmission speed, packet filtering
- Support for logs, alarms and performance statistics
- SNMP network management v1/v2c
- Saving and restoring OLT configuration
- Online OLT update
- Offline service configuration and automatic service deployment
- Support for remote update and mass ONU update