



Extralink 1 Port | PoE Inverter | Input 1x 1000Mb/s RJ45/Jack 10-24V, Output 24V



link to the product:

<https://www.batna24.com/gb/p/converters/extralink-1-port-poe-inverter-input-1x-1000mb-s-rj45-jack-10-24v-output-24v>

Price: **67.99 zł** gross / 55.28 zł net

Manufacturer: EXTRALINK



Referention number: DNXGFNPOIRMMPI

Information:

PoE injector is a practical adapter that enables network devices to be powered via CAT5e, CAT6 or CAT6A Ethernet cable in the 10/100/1000 Mb/s standard. It accepts power in the 10-30 V range, for example from a 12 V or 24 V battery, and then converts it to 48 V required to power devices compliant with 802.3af. It can be powered via a 5.5/2.1 mm DC socket or RJ45 pins, and when connected to the DC jack it isolates the power from the Ethernet port, allowing it to work safely with a switch or router. It is a convenient solution for powering PoE devices without additional cabling.

Product features

Ethernet LAN (RJ-45) ports	1
Plug and Play	Yes
Cabling technology	1000/10000
Ethernet interface type	Fast Ethernet
Power over Ethernet (PoE)	Yes
Power over Ethernet (PoE) voltage	24 V
RJ-45 output ports	1
RJ-45 input ports	1
Product colour	Black

Full product description

What is a PoE injector?

The Poe injector **allows power to be supplied to a 10/100/1000mbps network** over **CAT5e, CAT6** or **CAT6A Ethernet** network cable. The

power source can be any power supply from **10V** to **30V**, and the **injector's output voltage is 48V**. The poe adapter can be powered from the **DC jack 5.5/2.1 mm** connector - or from the pins of the **RJ45** plug - 4.5 (plus) and 7.8 - (minus). With a poe injector, a battery (12V or 24V) or passive PoE (10V-30V) can be used to power a **48V** device.



When connecting the power supply to the **DC jack 2.1mm** input - the power will be isolated from the male **RJ-45** connector - so it can be connected to a switch or router. The **48V** output voltage is delivered to the 3.6 (plus) and 1.2 - (minus) pins of the female RJ-45 jack to power any **802.3af** device. There is an exchange of both the voltage with which the receiving device is powered and the pins on which power over ethernet operates.

