

## VDSL2 Ethernet Extender Kit Over Single-Pair Wire - 10/100Mbps - 1.5km

**Product ID:** 110VDSLEX2EU



The StarTech.com VDSL2 Ethernet extender kit lets you connect a remote network segment or device to your network, using RJ11 phone cable.

The network extender is a simple, reliable, and cost-effective solution for spanning your network across long distances. While maintaining high speeds, the extender also safeguards your investments by providing surge and ESD protection to your connected device.

The VDSL2 extender reduces the hassle of networking your devices or workstations by overcoming the 330ft (100m) distance limitations of common CATx Ethernet cable. Now you can connect equipment at longer distances using existing RJ11 cable while still retaining 10/100Mbps fast-Ethernet speeds.

Perfect for connecting isolated terminals, kiosks, or server rooms using single pair copper wire such as telephone cable, the extender kit lets you transmit and receive data at distances up to 5000ft (1500m) at 17Mbps, or 1000ft (300m) at 100Mbps throughput.

This handy extender helps you network separate buildings at the same location, and saves you money. Using legacy plain old telephone service (POTS), you can deliver network access across an existing phone line infrastructure, which is perfect for older buildings.

Alternatively, you can couple the extender with a single point-to-point RJ11 cable, giving you more options for providing network connections in situations where standard CATx wired or wireless access is unavailable or unreliable.

A true out-of-the-box solution, the extender kit includes interchangeable transmitter and receiver units that are completely customizable using the integrated DIP switches. Setup is fast and you can be up and running with no software or driver installation required.

The 110VDSLEX2EU also features compact housing that's perfect for desktop or wall-mount applications, and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Connect users or network segments in isolated areas of a large complex or separate buildings
- Perfect for stone, concrete, and heritage buildings where network connectivity is typically unavailable
- Extend network access or connect IP cameras and WiFi access points in remote areas of a stadium, auditorium, or campus

### Features

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- Reduce additional expenses using your existing phone line infrastructure or RJ11 cable
- Convenient point-to-point extension over longer distances than standard 10/100Mbps Ethernet cable
- Protects your connected equipment with 8kV air and 4kV contact ESD and surge protection
- Compact desktop design with wall-mount support
- Simple plug-and-play setup
- Supports auto-MDIX, Auto-Negotiation, full-duplex operation, and VLAN tagging

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#### Hardware

Warranty	2 Years
Ports	1
Regulatory Approvals	EN61000-4-5 2KV EN61000-4-2 - Contact +/- 4KV, Air +/- 8KV
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX  VDSL2 ITU-T G.993.2, VDSL ITU-T G.993.1, and VDSL2/VDSL ITU-T G.997.1 compliant  IEEE 802.3x Full Duplex Flow Control, IEEE 802.1Q VLAN Tagging
Chipset ID	Metanoia - MT2301GL-A1 Metanoia - MT3301GN-A3

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## Performance

Maximum Data Transfer Rate	200 Mbps - Full-Duplex
Max Distance	1.5 km (0.9 mi)
Auto MDIX	Yes
General Specifications	Jumbo Frame Support: 9K max.  Full Duplex Support: Yes  Auto Negotiation: Yes  VLAN Tagging: Yes
MTBF	22,500 hours

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## Connector(s)

Local Unit Connectors	RJ-45
	RJ-11
Remote Unit Connectors	RJ-45
	RJ-11

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## Indicators

LED Indicators	Power
	Ethernet
	VDSL

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## Power

Power Source	2 AC Adapters Included
Input Voltage	240V AC
Input Current	0.2 A
Output Voltage	5 DC
Output Current	1.0 A
Center Tip Polarity	Positive
Plug Type	N



Power Consumption (In Watts) 3

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**Environmental**

Operating Temperature 0C to 40C (32F to 104F)

Storage Temperature -20C to 65C (-4F to 149F)

Humidity 10~90% RH (Non-Condensing)

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**Physical Characteristics**

Color Black

Material Plastic

Product Length 4.0 in [10.1 cm]

Product Width 2.6 in [67 mm]

Product Height 1.2 in [30 mm]

Weight of Product 3.2 oz [90 g]

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**Packaging Information**

Package Length 7.7 in [19.6 cm]

Package Width 5.4 in [13.8 cm]

Package Height 3.3 in [83 mm]

Shipping (Package) Weight 22.4 oz [634 g]

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**What's in the Box**

Included in Package

- Ethernet VDSL2 - Transmitter
- Ethernet VDSL2 - Receiver
- RJ45 Cables
- Wall-mount Screws and Anchors
- Rubber Feet
- Power Adapter
- Instruction Manual



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***\*Product appearance and specifications are subject to change without notice.***

