

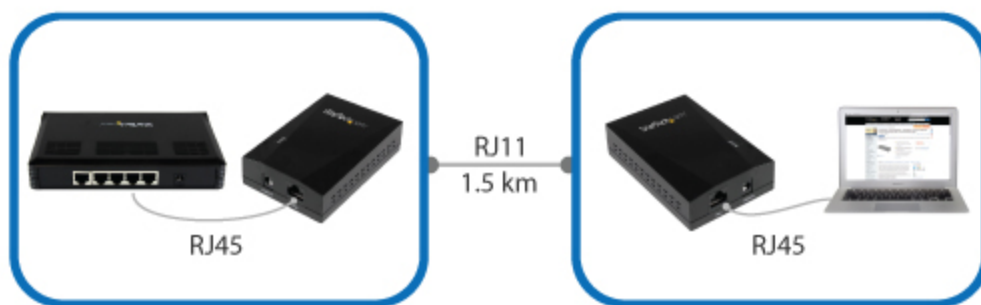
VDSL2 Ethernet extender kit over single-pair wire - 10/100Mbps - 1.5km

StarTech ID: 110VDSLEX2GB



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.



Connects equipment over longer distances

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.

Cost-effective, reliable, and convenient

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.

All-in-one solution that's easy to use

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 110VDSLEX2GB 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.

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

- 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

Technical Specifications

Warranty	2 Years
Chipset ID	Metanoia - MT2301GL, A1 Metanoia - MT3301GN, A3
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
Industry Standards	VDSL2 ITU-T G.993.2, VDSL ITU-T G.993.1, and VDSL2/VDSL ITU-T G.997.1 compliant
Industry Standards	IEEE 802.3x Full Duplex Flow Control, IEEE 802.1Q VLAN Tagging
Ports	1
Regulatory Approvals	EN61000-4-5 2KV EN61000-4-2 - Contact +/- 4KV, Air +/- 8KV
Auto MDIX	Yes
Auto Negotiation	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Max Distance	1.5 km (0.9 mi)
Maximum Data Transfer Rate	200 Mbps - Full-Duplex
MTBF	10,000 Hours
VLAN Tagging	Yes
Local Unit Connectors	1 - RJ-45 Female
Local Unit Connectors	1 - RJ-11 Female
Remote Unit Connectors	1 - RJ-45 Female
Remote Unit Connectors	1 - RJ-11 Female
Color	Black
Enclosure Type	Plastic
Product Height	33 mm [1.3 in]
Product Length	102 mm [4 in]
Product Weight	87 g [3.1 oz]
Product Width	67 mm [2.6 in]
LED Indicators	1 - Power
LED Indicators	1 - Ethernet
LED Indicators	1 - VDSL
Center Tip Polarity	Positive
Input Current	0.2 A

Input Voltage	240 AC
Output Current	1.0 A
Output Voltage	5 DC
Plug Type	M
Power Consumption	3.0 W Max 2.5 W Average
Power Source	2 AC Adapters Included
Humidity	10~90% RH (Non-Condensing)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 65°C (-4°F to 149°F)
Shipping (Package) Weight	520 g [18.4 oz]
Included in Package	1 - Ethernet VDSL2 - Transmitter
Included in Package	1 - Ethernet VDSL2 - Receiver
Included in Package	2 - RJ45 Cables
Included in Package	2 - Wall-mount Screws and Anchors
Included in Package	8 - Rubber Feet
Included in Package	2 - Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

