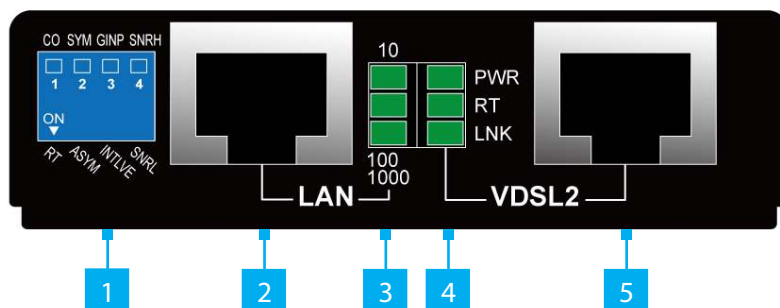


10/100/1000 Mbps VDSL2 Ethernet Extender Kit - 1km

Product ID

VDSL-LAN-EXTENDER-EU



*Product may vary from image

	Feature	Function
1	DIP Switches	- Set the Mode or change settings on the VDSL Extenders - Refer to DIP Switch Chart
2	LAN Port	Connect to an RJ45 Port on Local and Remote Equipment
3	LAN Status LEDs	Refer to the LED Chart
4	VDSL2 Status LEDs	Refer to the LED Chart
5	VDSL2 Port	Use a RJ45 or RJ11 Cable to connect the Local and Remote VDSL Extenders together
6	Power Input Port	- Connect the included Power Adapter - Located on the rear of each VDSL Extender

Package Contents

- VDSL Extender x 2
- Mounting Bracket Kits x 2
- Power Supply x 2
- Quick-Start Guide x 1

Requirements

For the latest manuals, product information, technical specifications, and declarations of conformance, please visit:
www.StarTech.com/VDSL-LAN-EXTENDER-EU

- Ethernet Device x 2
- RJ45 Ethernet Cables x 2
- RJ45 or RJ11 Cable x 1

Installation

(Optional) Mounting the VDSL Extender

Note: Before mounting the **VDSL Extender** make sure that the surface you are mounting to is strong enough to support the **VDSL Extender**. It is recommended that the **VDSL Extender** is mounted on a wall stud to provide the correct support.

1. Determine the **Mounting Surface** for the **Local** and **Remote VDSL Extender**.
2. Place the **VDSL Extenders** upside down to expose the **Mounting Bracket Holes** on the **VDSL Extenders**. Align the **Holes** in the **Mounting Brackets** with the **Holes** on the bottom of the **VDSL Extenders**.
3. Insert four **Screws** through each **Mounting Bracket** and into the **VDSL Extender**.
4. Tighten each **Screw** using a **Phillips Head Screwdriver**.
5. Mount the **VDSL Extender** to the desired **Mounting Surface** using the appropriate **Mounting Hardware** (e.g. Wood Screws).

Install the VDSL Extender Kit

1. Position a **VDSL Extender** in each of the locations, local and remote.
2. Using **DIP Switch 1**, ensure that one **VDSL Extender** is in **Master Mode (CO)**, and the other is in **Remote Mode (RT)**.
Note: If the DIP switches need to be adjusted after the initial setup, both VDSL Extenders must be powered off before changing the DIP switch settings.
3. Plug in an **RJ45 Ethernet Cable** from the **LAN Port** on the local **VDSL Extender** to an **Ethernet Port** on the local **Ethernet Device**.
4. Plug in an **RJ45 Ethernet Cable** from the **LAN Port** on the remote **VDSL Extender** to an **Ethernet Port** on the remote **Ethernet Device**.
5. Plug in a **RJ45 or RJ11 Cable** from the **VDSL2 Port** of the local **VDSL Extender**, to the **VDSL2 Port** of the remote **VDSL Extender**.
6. Connect the included **Power Adapters** to each of the **VDSL Extenders**.

LED Chart

LED	Colour	Blink	On	Off
PWR	Green	N/A	Powered On	Powered Off
RT	Green	N/A	RT (Remote)	CO (Master)
LNK	Green	Slow: Idle Fast: Training	VDSL2 Link Up	VDSL2 Link Down
10	Green	Data Activity	10Mbps	Link Down
100	Green	Data Activity	100Mbps	Link Down
1000	Green	Data Activity	1000Mbps	Link Down

VDSL2 Port Pinout

Pin	Description
1	N/A
2	N/A
3	N/A
4	Analog Input/Output
5	Analog Input/Output
6	N/A
7	N/A
8	N/A

DIP Switches

Note: The VDSL Extender that is set to Remote mode will always follow the settings set on the Master VDSL Extender. When set to Remote Mode, DIP Switches 2, 3, and 4 have no function

No	CO DIP Switch	Symmetrical/ Asymmetrical	G.INP/ Interleaved Mode	SNR High/Low	Max Line Rate US/DS (Mbps)
1		Symmetrical	G.INP	High	146/162
2		Symmetrical	G.INP	Low	152/162
3		Symmetrical	Interleaved	High	139/151
4		Symmetrical	Interleaved	Low	148/151
5		Asymmetrical	G.INP	High	66/341
6		Asymmetrical	G.INP	Low	66/341
7		Asymmetrical	Interleaved	High	63/329
8		Asymmetrical	Interleaved	Low	65/328

HQ Contact:

StarTech.com Ltd.
45 Artisans Crescent,
London, ON N5V 5E9,
Canada

US Contact:

StarTech.com USA LLP
4490 South Hamilton Rd,
Groveport, OH 43125,
United States

UK Contact:

StarTech.com Ltd.
15 Gowerton Rd,
Northampton, NN4 7BW,
United Kingdom

EU Contact:

StarTech.com Ltd.
Siriusdreef 17-27
2132 WT Hoofddorp
The Netherlands

FR: startech.com/fr
DE: startech.com/de
ES: startech.com/es
NL: startech.com/nl
IT: startech.com/it
JP: startech.com/jp

