

VersaXpress-VEB160 is a VDSL2 (ITU G.993.2) to Ethernet Bridge that represents an end-to-end VDSL2 solution for a 100Mbps Ethernet over a twisted-pair wire. This Ethernet to Phone Line Bridge seamlessly extends your high speed Internet connection, or your existing Ethernet network, to any room in the building or house with a telephone jack. All phone line network products have been designed to operate on the telephone wire installed in homes throughout the world. Those telephone lines utilize all the same modular patch cords and connectors commonly used for telephones.

The VersaXpress-VEB160 provides total 100Mbps speed access at distance up to 3000ft by sharing the existing phone line with Plain Old Telephone Service. To install a VDSL2 LAN or access the Internet, you just simply plug into the existing RJ-11 telephone jack. With nothing to configure or minor configure and no additional wiring to install, your network is up and running in minutes.

There is no need for special splitters, terminators or filters. It is also no need to modify the existing wiring at all. A serial connector (RS-232) is provided for user to connect a host computer to configure or view the link miscellaneous status or configurations.

Interfaces:

- Line Interface: RJ-11
- LAN Interface: RJ-45 Auto-negotiate
Auto MDI-X
- Console Port: DB-9 RS232

Rate Control:

- Up and down speed bandwidth can be controlled individually via RS-232 port



Performance:

- Build in POT Splitter
- Data Rate: 100Mbps
- Distance: 900m
- Provides optimal rate/reach performance
- Higher rates by limiting reach
- Asymmetrical 60Mbps/40Mbps up to 300m

LED Display:

- Power Indicator
- 10/100Mbps Link Status/Activity
- VDSL2 Link Status/Activity

System:

Power Consumption: 5VDC, 2A
 Dimension: 26.75"W x 34.13"D x 1.13"H
 Temperature: 0 to 50°C
 Humidity: 5% to 95% non-condensing

DMT 4 Bands Line-Coding:

- ITU-T G.993.1, G.993.2
- ANSI T1.424
- ETSI TS 101 270
- CHINA MII
- Preserves the integrity and reduces cross-talk of other data services when deployed concurrently
- Industry standard line-coding (DMT)