



NV-202

VDSL2 LAN extender

The NV-202 is low cost LAN extension solution using the G.993.2 VDSL2 standard technology and providing up to 100Mbps symmetric using only a single copper wire pair. Designed specifically for a LAN to LAN extension and supporting both symmetrical and asymmetrical transmission at up to 100/100Mbps within 300 meters and 5/1Mbps at 3000 meters, this is a perfect solution to extend LAN to buildings, hotels, hospitals or any location outside of the 100 meters reach of Ethernet UTP.

Features

- Cost effective bridge function to connect two Ethernet LANs
- 100/100Mbps @ 300m (984ft)
- 5/1 Mbps @ 3km (9842ft)
- Compact size and DIN rail support
- Selectable CO and CPE mode via DIP switch
- Selectable fast and interleaved mode
- Selectable target band plan
- Selectable target SNR margin 9dB or 6dB

Specifications

LAN Interface Complies with IEEE 802.3 10Base-T and 802.3u 100Base-TX
Connector: 2 x RJ-45 10/100Mbps
MTU: 1536 bytes

VDSL2 Interface Complies with ITU-T G993.2
Connector: RJ-11/Terminal block
DMT Encoding/PTM Transmission
On-board surge protection

4-position DIP Switch Selectable CO or CPE mode
Selectable Band plan
Selectable target SNR Margin
Selectable INP and interleave mode

MTBF 50,000 hrs

Indicators LAN:Act/Link, Power
VDSL2:Act/Link, Line Mode: CO/CPE

Power DC 12V via AC switching adapter

Power Consumption 5W

Dimensions 95 x 110 x 27 mm (3.74" x 4.33" x 1.06")

Weight About 0.34Kg

Temperature 0~50°C (Operating), -20~70°C (Storage)

Humidity 10 - 90% non-condensing

Certification CE, FCC, RoHS Compliant

Application

Ethernet



3Km



Ethernet

Proper Installation

Train & Metro Stations 、 Boat and Submarine 、 Parking system 、 Weather station 、 Amusement park
Farm 、 Jail & Oil Refinery 、 Telecom

