



NV-500

Industrial VDSL2 LAN extender

The NV-500 is industrial LAN extension solution using the G.993.2 VDSL2 standard technology and providing up to 100Mbps symmetric put using only a single copper wire pair that provides stable and reliable Ethernet transmission. Housed in metal DIN rail enclosures, these extenders are designed for harsh environments, such as industrial networking, intelligent transportation systems (ITS) and are also suitable for many military and utility market applications where environmental conditions exceed commercial product specifications. Wide operating temperature range models (-20 to 70 C) fulfill the special needs of industrial automation applications.

Features

- Redundant dual DC input power 12~48VDC
- Wide operating temperature -20~70 C °
- Supports power failure alarm by relay
- IP30 metal housing 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: 4 x RJ-45 10/100 Mbps 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 Supply	Redundant dual DC input power 12~48V (Removable Terminal Block)
Consumption	6W
Dimensions	170 x 121 x 35 mm (6.7" x 4.76" x 1.37")
Weight	About 0.63Kg
Temperature	-20 ~70 C (Operating), -40 ~70 C (Storage)
Humidity	5 - 95% non-condensing
Certification	CE, FCC, RoHS Compliant

Application



Proper Installation