General Description

Netsys NV-600 Series is a VDSL2 Modem leverages the extraordinary bandwidth promise of VDSL2 (max. 100Mbps Symmetric) technology, the next step in the delivery of new high-speed Internet applications to end-users in their homes or offices. Quick, easy and economical to install and maintain, the NV-600L works with the NV-600R over existing copper wire infrastructure. NV-600L is a CO (Central Office) device.

Netsys NV-600 Series will allow operators worldwide to compete with cable and satellite operators by offering services such as HDTV, VOD, videoconferencing, high speed Internet access and advanced voice services including VoIP, over a standard copper telephone cable.

Netsys NV600 Series is seen by many operators as an ideal accompaniment to a FTTP rollout, where for instance fiber is supplied direct to an apartment block and from there copper cable is used to supply residents with high-speed VDSL2.

Point to Point Application

For more product information, visit us on the web www.Netsys.com.tw
NV-600 VDSL2 CO/CPE Modem

Key Features & Benefits
- Compliant with IEEE 802.3 & 802.3u Ethernet Standards
- Compliant with G993.2 VDSL2 standards
- Provides 4 x 10/100M auto-negotiation RJ-45 Ethernet ports
- Supports Bandwidth setup with 100 Mbps VDSL RJ-11 ports
- POTS / ISDN Splitter port RJ-11 x 1 (Splitter on board)
- Supports auto speed for VDSL2 port
- Supports Web management (HTTP), TFTP, Console (RS232)
- Supports uPnP/PPPoE/NAT/DHCP/DMZ/Firewall
- Supports Route & Switch mode
- Supports Loop back
- Supports SNR indicator for check phone wiring quality
- Support 8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, 30a band profile
- Support 997,998 band plan
- Provides surge protection for VDSL2 port

Product Specification
Standard:
- IEEE802.3 standard
- IEEE802.3u standard
- Compliant G993.2 VDSL2 standard

Interface:
- 4 * RJ-45 10/100Mbps Ethernet port
- 1 * RJ-11 connector for VDSL2
- 1 * RJ-11 connector for POTS/ISDN device

Band Profile:
- 8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, 30a

Band Plan:
- 997, 998

Max. Bandwidth:
- Symmetric 100 Mbps / 0.3 Km

LED indication:
- Power LED
- Link/Active Status for Ethernet port * 4
- Link LED for VDSL port

Switch method:
- Store and forward

Console port:
- RS-232C/115200bps

Flow control:
- Full duplex: IEEE 802.3x
- Half duplex: Back pressure

Power Consumption:
- 7.5W

Operating Temperature:
- 0°C ~ 50°C (41°F ~ 122°F)

Storage Temperature:
- -20°C ~ 65°C (-4°F ~ 149°F)

Humidity:
- 10 to 90% (non-condensing)

Dimensions:
- 184 x 146 x 40 mm (7.2" x 5.74" x 1.57"")

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