

DNT-100+

ISDN NT-1



Product Overview

ISDN NT1

The D-Link network termination DNT-100+ is a ISDN basic rate type. It is designed to perform ISDN physical layer functions, to be installed between the central office U interface and the customer premise S/T interface. It effectively converts the central office 2-wire echo canceled 2B1Q code to a customer premise 4-wire Pseudo-Ternary encoding. DNT-100+ provides ISDN Basic Rate 2B+1D signal channel transmission, maintenance channel, including loopback test and performance supervision. Ideal for remote branch offices and home offices, the DNT-100+ unit also features an internal suitable for desktop or wall-mount installation.

SPECIFICATIONS

Type

- External
- Wall mounted

U Interface

- Comply with ITU-T G.961
- Meet ANSI T1.601
- Meet ETSI ETR.080
- Meet ITU-T K.21 line protection
- 1 x U interface port
- RJ45 modular jack
- 2-wire metallic line
- 2B1Q line coding
- 80Kbaud/s
- Maximum input DC voltage: 115V
- Minimum input DC voltage: 24V

- Power feeding consumption
- Normal mode: <500mW
- Restricted mode: <1100mW
- Cold start and warm start

S/T Interface

- Comply with ITU-T I.430
- Meet ANSI T1.605
- Meet ETSI 300 012
- 2 x S/T interface ports
- 4-wire metallic line
- AMI line coding
- 192Kb/s
- RJ45 modular jack
- Terminating resistance selectable for 100Ω[or none
- S/T PS1 output voltage:
- 40VDC, -15%~+5%
- S/T output power:
- Normal mode: 6W
- Restricted mode: 420mW
- PS1 polarity reversed

Connection

- Point-to-point
- Point-to-Multipoint

LED

- SYNC/TEST: U and S/T synchronization/Network Loopback test
- Local: local power supply
- Line: remote power supply

DIP Switch

- Terminating resistance
- S/T bus configuration selection
- Short passive bus
- Extended passive bus

Power

- Input: 90/260VAC, 50~60Hz
- Output: 40VDC, -15%~+5%

Operation

- 0 to 50 C

Humidity

- 10 to 95% RH

Dimension

130Wx91Dx40H (mm)