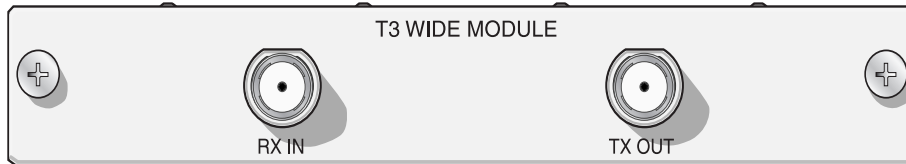


INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate option slot in the NetVanta 5305 Base Unit.
2. Slide the T3 Wide Module into the option slot until the module is firmly positioned against the front of the chassis.
3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.
4. Connect the cables to the associated device(s).
5. Complete the installation of the system as specified in the Hardware Installation Guide (P/N 61200990L1-34A).



SPECIFICATIONS

Interface Type:	DS-3: electrical (coax) interface
Line Rate:	44.736 Mbps
Capacity:	Unchannelized T3
Line Code:	B3ZS (Bipolar Three Zero Substitution)
Framing:	M13 or C-bit
Tests:	Line loopback, payload loopback, remote loopback
Terminating Impedance:	75Ω ± 5%, unbalanced
Environmental:	Operating Temperature: 0°C to 50°C Storage Temperature: -20°C to 70°C Relative Humidity: up to 95% Noncondensing
Compliance:	FCC Part 15, Class A, UL 60950/CSA-C22.2 No. 60950, EN 60950/IEC 60950, AS/NZS 60950, EN 55022, EN 55024

NETWORK CONNECTION PINOUT

Name	Description
RX IN	Receive data from the network
TX OUT	Transmit data towards the network

COMMANDS

interface t3 slot/port

Allows access into the T3 interface for further configuration. The user must be at the **(config)#** prompt.

alias {text}

Text name assigned to the interface by an SNMP Network Management Station (NMS).

{text} Up to 80 alphanumeric characters

clock source {loop | local}

Configures the transmitter clock source.

loop Derives the clocking from the circuit

local Provides internal clocking

coding b3zs

Defines the T3 coding as B3ZS.

description

Comment line to provide an identifier for this interface (for example, circuit ID, contact information, etc.).

{text} Up to 80 alphanumeric characters

framing {M13 | cbit}

Configures the framing format of the T3 interface for M13 or C-bit parity.

line-length {short | long}

Configures the line length to reflect the physical length of the DS3.

short Represents the distance of 0 to 225 feet of cable

long Represents the distance of 225 to 450 feet of cable

loopback network {line | payload}

Initiates a local T3 interface loopback. Data received on the T3 is transmitted back out on the T3 circuit.

line Physical loop at the T3 interface connector

payload Physical loop at the T3 interface including the framer

loopback remote {line | payload}

Sends a remote loopback code out the T3 circuit to loop up the far end. Only applies when C-bit framing type is being used on the circuit.

no loopback

Disables all loopbacks.

remote-loopback

Allows the T3 interface to be looped from the *far end* (remote device, telco, etc.).

no remote - loopback

Restricts the ability of the far end to loop the T3 interface.

show bert

Displays the error counters for the pattern selected.

shutdown

Turns off the interface. The **no** version of this command turns the interface on and allows it to pass data.

snmp trap link-status

Enables the interface to send SNMP traps when the link status changes and controls the SNMP variable, ifLinkUpDownTrap Enable. The default is enabled.

test-pattern {2^15 | 2^23 | Ones | Zeros}

Generates various DS3 test patterns.

no test-pattern

Disables test pattern being generated.

test-pattern clear

Clears all test pattern error counts.

test-pattern insert

Inserts an error into the test pattern.