

DS3 Network Extender 4500

DNE4500-S, DNE4500-P

High speed packet-based DS3 CPE



Overview

Net to Net Technologies' DS3 Network Extender terminates DS3 backhaul from the IP DSLAM family of access multiplexers, including the IPD12000 and the IPD4000. Because the DNE4500-S is fully DSL The Easy Way™ compliant, configuration requirements are removed completely, allowing this device to be installed into the customer premise quickly. The DNE4500-S is also fully DSL The Easy Way™ packet based utilizing 100% packet-based technology for optimum throughput and reliability.

In addition, the DNE4500-S can be used with single- or multi- port DS3 Network Extender Provider units, allowing for high-speed connectivity between Central Offices, or for high-speed LAN extension over DS3 circuits. The DNE4500-S provides a simple and easy way to extend Fast Ethernet over DS3 circuits.

Features

- Utilizes Net to Net's DSL The Easy Way™ Packet based Architecture
- DSL The Easy Way™ for plug-and-play configuration and operation
- Supports full 45 Mbps throughput over DS3 circuits
- Configuration-free operation saves time and complexity
- Connects directly to any 10/100 Ethernet port on a PC or LAN
- Can be used with any Net to Net IP DSLAM, or in point-to-point configurations
- Excellent for front-ending IP Router 10/100 Ethernet ports, saving thousands of dollars on router DS3 interfaces

Specifications

Dimensions

1.25" (3.2cm) High x 5.5" (14cm) Wide x 4.5" (11.5cm) Deep

Weight

0.6 lbs (0.28 kg)

Power

100-125VAC @ 1.0A
200-240VAC @ 0.5A

Interfaces

1 DS3 Dual BNC Coaxial (un-channelized, M13 or C-bit Parity encoding)
1 10/100 Ethernet RJ45
DSL The Easy Way™ compliant

Regulatory Compliance

EMC: FCC Part 15; CSA/C108.8; EN55022; EN55024
CE Marking
Safety: UL1950, CSA C22.2 No. 950; EN60950
CE Marking

Operating Requirements

Temperature: 32°F to 122°F (0°C to 50°C)
Non-operating temperature: -40°F to 158°F (-40°C to 70°C)
Humidity: 5% to 95%, non-condensing
Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

DNE4500-S	DS3 Network Extender Subscriber unit
DNE4500-P	DS3 Network Extender Provider unit
DNE4500-KIT-1	DS3 Network Extender Point-to-Point kit, includes one DNE4500-S and one DNE4500-P

