



Network Extender
Technologies

NETWORKEXTENDER.COM

SHDSL Network Extender 2020

SNE2020G-S, SNE2020G-P, SNE2020G-Kit-1

Dual Port SDSL Network Extender with Loop Bonding



Overview

Net to Net Technologies' SNE2020 is a loop bonding CPE for Net to Net's IP DSLAMs that provides up to 4.6 Mbps of symmetrical bandwidth using two copper pairs. The SNE2020-S is fully DSL The Easy Way™ compliant, so that configuration requirements are removed completely, allowing this device to be installed into the customer premise quickly. The SNE2020 is also fully DSL The Easy Way™ packet based utilizing 100% packet-based technology for optimum throughput and reliability.

The SNE2020 features two SDSL ports, each capable of up to 2.3 Mbps symmetrical bandwidth. When used with any Net to Net loop bonding compatible product, two copper pairs may be used to deliver double the bandwidth at any given distance. In addition, the SNE2020 can be used in a point to point fashion for high speed copper connections between two locations. Net to Net's loop bonded SDSL provides automatic load balancing and fail-over to provide optimum redundancy and data throughput, all delivered using Net to Net's plug 'n' play ease of use.

Features

- Utilizes Net to Net's DSL The Easy Way™ Architecture
- DSL The Easy Way™ for plug-and-play configuration and operation
- Supports selectable data rates up to 4.6 Mbps (symmetrical)
- Configuration-free operation minimizes truck roll
- Connects directly to any Ethernet port on a PC or LAN
- Can be used with any loop bonding capable Net to Net IP DSLAM, or in point-to-point configurations
- Automatic load balancing and fail-over for optimum throughput and redundancy

Specifications

Dimensions

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

Weight

0.6 lbs (0.28 kg)

Power

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

Interfaces

2 SDSL Hybrid RJ11/RJ45 (TC-PAM encoding (SHDSL))
1 Ethernet RJ45
IPacket™ & AutoIP™ compliant

Standards Support

IEEE 802.3 Ethernet
ITU G.991.2 G.SHDSL

Bandwidth/Distance

Up to 2.3 Mbps per SDSL port (up to 4.6 Mbps loop bonded)
Lower speeds supported up to 24,000 feet/7.3Km

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

SNE2020G-Kit-1	Dual Line SDSL Starter Kit Includes (1) SNE2020G-P Provider Unit and (1) SNE2020G-S Subscriber Unit (SHDSL)
SNE2020G-S	SDSL Network Extender Subscriber Unit w/ dual SDSL ports for Loop Bonding (SHDSL)
SNE2020G-P	SDSL Network Extender Provider Unit w/ dual SDSL ports for Loop Bonding (SHDSL)

