

tii HNP6L-ET

Combination Ethernet Turbo Adapter and Home Networking Protector

Extends Home Networks without Having to Install New Wires

Plug-and-Play Installation

Network up to 16 Computers

Data at Every AC Receptacle

Easy to Relocate

Enables Broadband throughout the House

Range: Approx. 300 Meters in Wall Power Lines

Compatible with Mac, Linux, Unix and Microsoft Operating Systems

Data Rates Up to 85 Mbps

Capable of Transmitting High Definition Images



tii network technologies

141 Rodeo Drive
Edgewood, NY 11717
T. 631.789.5000
Toll Free 888.844.4720
F. 631.789.5063
sales@tiinettech.com

www.tiinettech.com



t ii HNP6L-ET

The tii HNP6L-ET Ethernet-Turbo Combination Ethernet Adapter and Home Networking Protector provides total surge protection for a computer system including its peripherals such as modems, scanners, monitors, printers and routers. The HNP6L-ET also incorporates an Ethernet HomePlug® circuit which provides data networking over existing AC wiring. Traditional surge protectors interfere with data transmitted over AC wiring utilizing HomePlug® technology

KEY PRODUCT BENEFITS

- ▶ Protects all connected computer equipment including HomePlug® data networks.
- ▶ Incorporates Ethernet HomePlug® TURBO circuitry for high-speed data transport over existing 110 volt AC wiring. Maximum data rate of 85 Mbps.
- ▶ LEDs for power line link and Ethernet link.
- ▶ Six EMI filtered receptacles prevent unwanted electrical noise from being introduced into the circuit by peripheral devices. This electrical noise degrades signal transmission quality and speed.
- ▶ Proprietary Hybrid AC Protection Circuit: 120VAC, Single Phase, 50/60 Hz 15 Amp Power Line Protection.
- ▶ Self restoring power line surge suppressor incorporating gas discharge tube and solid-state surge suppression elements.
- ▶ When plugged into an AC receptacle, the AC protection circuit monitors the integrity of the protection in addition to indicating the presence of a ground.

Protection and Ground Indicator Lamps

Protection Available: Green lamp "on" indicates protection circuit is operational.
Ground Present: Green lamp "on" indicates there is a connection to the AC ground.
Ground Not Present: Red lamp "on" indicates that the unit did not detect the presence of an AC ground. The surge protection capability of the tii HNP6L-ET has been compromised.

- ▶ Common grounding for the AC protector circuit serves as a ground potential equalizer eliminating any ground loop currents that may damage the connected equipment.

INDUSTRY STANDARDS

- ▶ Listed to UL 1449.
- ▶ Continuous Joule Rating (CJR): Estimate of cumulative surge energy absorbed by this device over its useful life.

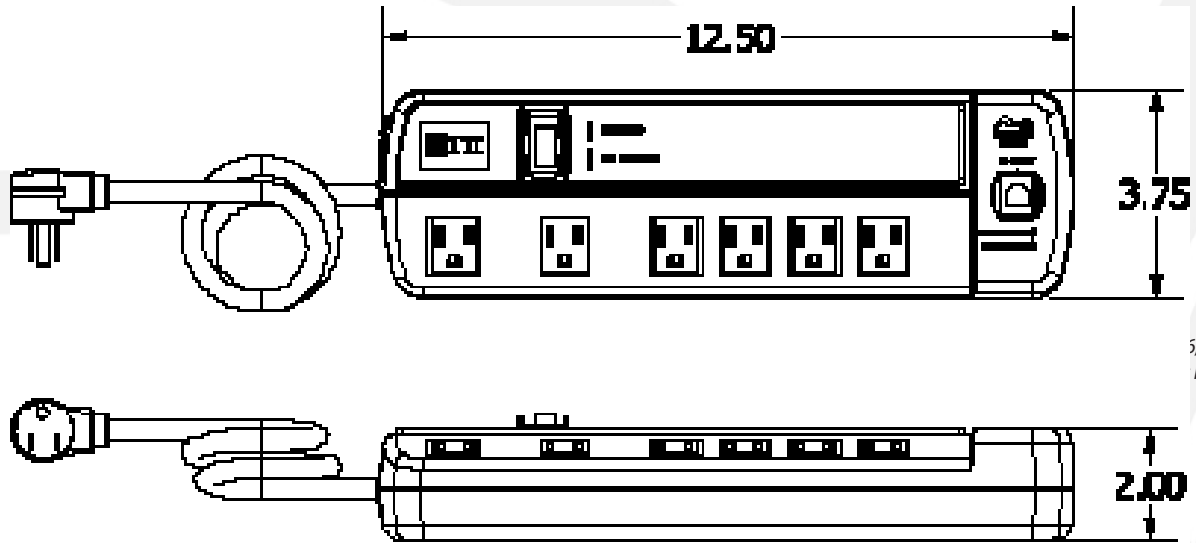
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MEMBER

PLEASE REFER TO <http://www.tiinettech.com/> FOR THE LATEST REVISION

tii HNP6L-ET



5,775,121
Pending

Dimensions are in Inches

SPECIFICATIONS

SURGE SUPPRESSOR PERFORMANCE

AC SURGE SUPPRESSION (EMI Filtered Receptacles)

Insertion Loss (2 – 27 MHz)	> 30 dB
Suppression Voltage – 500 A, 8/20 μ s waveform (Line to Neutral) Steady State Clamping Voltage	700 V Max. 300 V
Maximum Surge Current 8/20 μ s waveform	20,000 A
Surge Energy Absorption Continuous Joule Rating (@500 A, 8/20 μ s, 1000 operations)	6240 J
LIFE TEST 5,000 A, 8/20 μ s waveform	100 Surges
Listed to	UL 1449

ETHERNET HOMEPLUG® PERFORMANCE

Data Rate	Up to 85 Mbps
HomePlug®	V 1.0
Security	56-bit DES Encryption
HomePlug® Configuration Utility Support	Windows 98SE, 2000, ME, XP, and Vista
High Speed Data Network	Modular RJ-45

ORDERING INFORMATION

Model No.	Description
tii HNP6L-ET	tii Ethernet-Turbo - Combination Ethernet Adapter and Home Networking Protector with Embedded HomePlug® Circuitry
Standard Package:	10 Pieces
Weight:	2.00 lbs each