

DATA SHEET

PLC 85 TURBO ADAPTOR

Applications

- Internet Protocol Television (IPTV) Distribution
- Backbone for Wi-Fi, UWB and Wireless USB
- Higher data rate broadband sharing
- Shared broadband internet access
- Voice over Internet Protocol (VoIP)
- PC files and applications sharing
- Printer and peripheral sharing
- File Transfer
- Network and online gaming
- Security cameras

What is PLC Technology

PLC technology is a new range of networking devices which allow you to create a high performance full featured network over your home or office building mains wiring system. Each power outlet has the potential to become a Network access point providing total flexibility of



equipment location or re-location as you choose. No need for costly structured cabling systems, just plug into the mains and connect your computers, modem, gaming system and Audio/Video entertainment systems and your operational. When using a wireless router 'black spots' can be eliminated and the range can be increased using the Wireless Extender unit. With an operating range of up to 200 metres, no configuration required and true "Plug and Play" installation, PLC is the ideal networking solution for home or office.

Features

- Co-existence with HomePlug 1.0 Nodes
- Security via 56-bit DES Encryption
- Dynamic Channel adaptation for maximum throughput efficiency
- Integrated Quality Of Service (QOS) Eight level VLAN-tag user priority
- Operating range 200 metres

Protocols/Standards

- HomePlug 1.0 specification
- IEEE 802.3 10 Base-T Ethernet (10Mbps) and 100 Base-Tx, 100 Base-Fx
- Auto MDI / MDI support
- HomePlug 1.0 compatible
- CSMA/CA MAC control

Modulation Support

- OFDM 64/16QAM, BPSK, DBPSK, DQPSK and ROBO

Frequency Band

- 4.3MHz to 20.9MHz band

Power Range

- 85 - 265 VAC 48 - 64 Hz supply via power socket

LED Indicators

- PL-ACT, PL-LINK, 10/100Mb

External Connectors

- 1 x RJ45 10/100 auto MDI/MDIX
- 1 X Electrical Plug

Size

- 96mm x 68mm 34mm