

Get Wired for Media

Create a digital network, instantly—just plug the Powerline AV Network Adapter in and turn your home's wiring into a network for computers, printers, storage, and other digital devices. Media-optimized HomePlug AV technology offers performance ideal for HD video, music, gaming and Voice-over-Internet calling.

Plug & Play

Instantly transform your home's electrical power lines into a high-speed computer network. Easy setup: plug one of these sleek, small Ethernet adapters into an ordinary wall outlet in every room you want connected—no drilling or extra wiring required.

Connect & Share

Quickly network computers, printers, storage drives, Internet modems, and other Ethernet-enabled digital devices. Just plug in to an adapter and you're ready to start communicating and sharing.

Speedy & More Secure

HomePlug AV technology is designed to give you fast transmission speeds up to 200 Mbps. Great for delivering media. Enjoy high-definition video, head-to-head computer gaming, music streaming, Voice-over-IP calling, as well as file sharing and printing. And do it more securely: 128-bit encryption helps keep your data protected and private.

Grows With You

Plug an adapter in every room you want a connection—when you're ready for more, just add other adapters wherever you want them.

DATASHEET

Use your existing powerlines to network your computers and other devices

Share standard or HD video, files, printers, storage, and networked games throughout your home—connect it to a router to share your cable or DSL Internet connection

Easily add more devices to your network by plugging additional adapters into electrical outlets

HomePlug[®] AV technology for data rates up to 200 Mbps*



Powerline AV Network Adapter

Model: PLE300 (EU)

Features

- Works with HomePlug AV enabled devices
- Enables data transfers through existing power lines
- Up to 200Mbps transfer rate at physical layer
- 128-bit AES Encryption with Key Management
- Supports 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO Modulation Schemes
- Supports TCP/IP, compatible with standard routers and networked devices.
- Integrated Quality of Service (QoS) Enhancements: contention-free access, four-level priority based contention access, and multi segment bursting
- TDMA and priority based CSMA/CA channel access schemes maximize efficiency and throughput



Cisco Consumer Business Group

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Specifications

Model	PLE300
Standards	HomePlug AV, IEEE 802.3, IEEE 802.3u
Ports	Power, Ethernet
Buttons	Reset, HomePlug Simple Connect Button
LEDs	Power, Powerline, Ethernet
Cabling Type	RJ-45, Power
Security features	128-bit AES Link Encryption
Security key bits	128

Environmental

Dimensions	148 x 35 x 103 mm
Weight	175 g
Power	100-240 V, 50-60 Hz
Certification	FCC, CE, UL, IC
Operating Temp.	0 to 40°C
Storage Temp.	-20 to 60°C
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Powerline AV Network Adapter
- Ethernet network cable
- User Guide on CD-ROM
- Power cord
- Stand
- Quick Installation Guide

Minimum Requirements

- PC or other device with Ethernet network adapter
- AC power outlet
- Another HomePlug® AV enabled device

*The HomePlug AV network data rate is up to 200Mbps. Actual throughput of the PLE300 is limited to 100Mbps by the Ethernet 10/100 specification, and will vary depending on network traffic and environmental conditions such as building wiring type and routing.

Maximum performance for the Powerline Network Adapter is derived from HomePlug Powerline Alliance HomePlug AV specification. Actual performance can vary, including lower powerline network capacity and data throughput rate. Performance depends on many factors, conditions and variables, including volume of network traffic, home wiring construction, operating system used, mix of networking products used, interference from other electrical devices, age of home wiring, wireline range and coverage as determined by wiring route or path between devices and other adverse conditions.

Specifications are subject to change without notice.

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