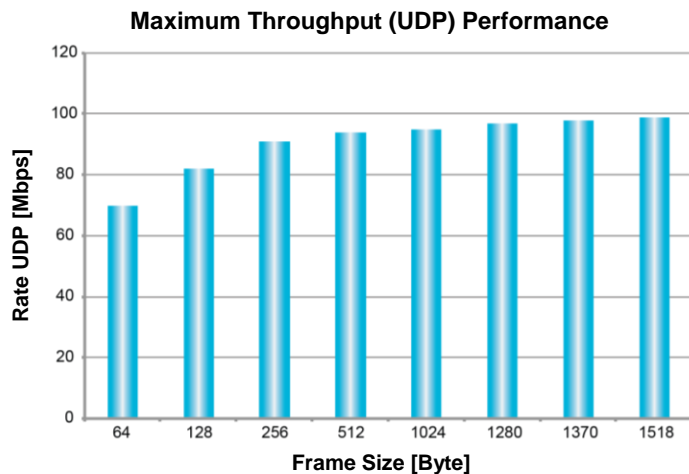


Corinex HD200 Powerline Wall Mount F Adapter

Introduction

The HD200 Wall Mount F Adapter is the latest addition to the Corinex HD200 Enterprise product family. Complementing our existing HD200 series of products, this Customer Premise Equipment (CPE) device provides endpoint network access for users in Multi-Dwelling Units (MDU) and other high-density installations. Providing up to 200 Mbps of raw bandwidth, and designed with maximum flexibility in mind when it comes to network deployments, the HD200 Wall Mount Female Adapter is ideal in situations where additional cabling cannot be installed and/or setup and installation costs must be minimized.

Powerline technology has several advantages over existing network technologies, not least of which is that once a network is extended into and through the electrical lines in a building, virtually every outlet on the same circuit has the potential to provision high-speed network services.



[Note: tests performed in laboratory under ideal conditions. Actual maximum throughput may vary.]

The HD200 Wall Mount F Adaptor incorporates the latest Powerline Communication technologies and standards to seamlessly integrate and synergize with your existing office network appliances. And with the built-in three-prong female power adaptor, there's no need to sacrifice a perfectly usable outlet for installation.



Figure 1: N. America (top) and EU (bottom) versions

KEY FEATURES AND BENEFITS

- **High-speed** 200 Mbps transmission rates over Powerline media*
- **Comprehensive standards compliance** for universal adaptability with all network appliances
- **Powerful encryption** with DES / 3DES / AES
- **QoS** (Quality of Service) management for programmable traffic prioritization
- **Robust performance** in noisy electrical environments, using OFDM technology and powerful EC schemes
- **Power output socket** so that installation never requires re-routing of power cables

Product Specification

Product Codes:

- CXP-HD200-W2Fe EU (dual pack European version)
- CXP-HD200-WMEFe EU (single pack European version)
- CXP-HD200-W2Fe US (dual pack North American version)
- CXP-HD200-WMEFe US (single pack North American version)

Please refer to our Price List for the exact product code specification and details.

Corinex HD200 Powerline Wall Mount F Adapter

Technical Specifications

Dimensions
(L x W x D) 134 mm x 68 mm x 41 mm
(N.A. plug depth +21 mm; EU plug depth +37 mm)

Speed* 200 Mbps (max) on physical layer

Frequency Range 2 – 34 MHz

Interfaces 10/100BaseT Fast Ethernet,
AC Power Outlet (16 A),
multifunction pushbutton

IEEE Standards Compliance 802.1D, 802.1p, 802.1Q, 802.3u

Network Protocols TCP/IP, UDP, IGMP

Security & Encryption RADIUS authentication support,
DES (56-bit) or 3DES (168-bit),
AES-128/256

Safety & EMI
(depending on region) EN 55022 EMC limits,
UL/EN 60950,
FCC Part 15 B

Power Input 100 to 240 VAC @ 50/60 Hz

Power Consumption 3.85 W (max)

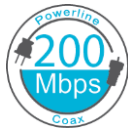
Standby Power 0.8 W

Tx Power Spectral Density -58 dBm/Hz

Storage Temperature 10° to 70° C (14° to 158° F)

Operating Temperature 0° to 40° C (32° to 104° F)

Operating Humidity 10% to 80% non-condensing



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Product Description

- CPE slave device (requires master gateway or controller device for network connectivity)
- 200 Mbps (max) over powerline media*
- Autosensing 10/100BaseT Fast Ethernet interface in full- and half-duplex transfer modes
- Traffic encryption using DES, 3DES, or AES
- Support for RADIUS authentication
- QoS management with 8-level priority queues, programmable priority classification engine according to 802.1p tags, TCP/UDP source/destination ports, and priority tagging for traffic prioritization
- Automatic configuration provisioning for ease of deployment
- Remote programmable notching, ensuring dynamic adaptability to comply with current and future global regulatory requirements and device interoperability
- Programmable bandwidth allocation
- Bridge Forwarding Table for 64 MAC addresses
- Supports 802.1Q VLAN and Optimized VLANs
- OFDM technology and powerful error correction mechanisms provide robust performance under harsh conditions in the electrical network
- Integrated 802.1D Ethernet Bridge with Spanning Tree Protocol (STP)
- Optimized IGMP support for broadcast and multicast traffic
- Built-in filtered power socket, which frees up the wall outlet for other appliances
- Multifunction pushbutton e.g. reset to default factory settings

Package Contents

- Corinex HD200 Powerline Wall Mount F Adapter (2 for dual pack)
- Standard CAT5 Ethernet Cable (2 for dual pack)
- CD with documentation

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