MoCA 2.0 Coax-to-Ethernet Adapter

MoCA 2.0 and Giga Ethernet

MoCA 2.0 D-band

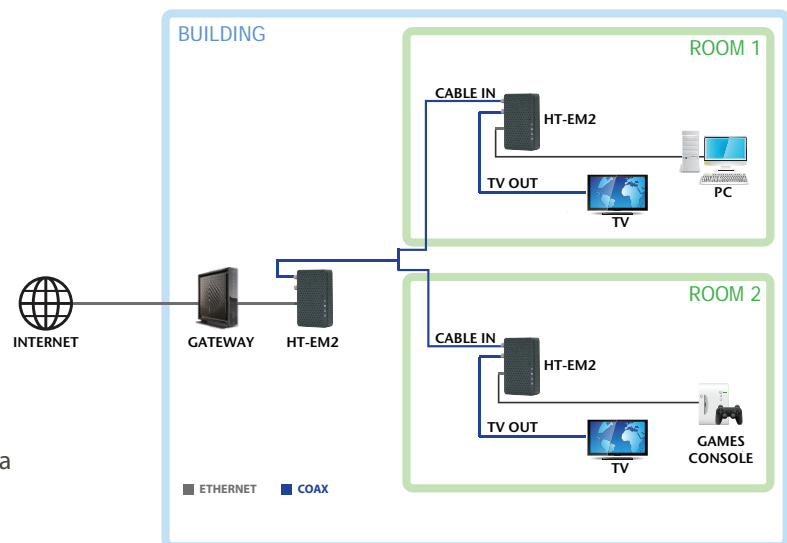700Mbps PHY data rate

EASY INSTALLATION

The HT-EM2 comes with two Coax F-type connectors and one Ethernet RJ-45 connector. Simply connect HT-EM2 to coaxial outlet, it should establish MoCA link automatically with the gateway. The Ethernet port is now ready to use.

MOCA 2.0 HIGHEST PERFORMANCE ENTERTAINMENT NETWORKING

The HT-EM2 enables high-bandwidth traffic to be seamlessly distributed across the end-user's home or office.

KEY FEATURES

• MoCA 2.0 standard for highest performance of entertainment networking

• Compact size (110mm (W) x 70mm (H) x 25mm (D)) for home application

• Upgradable software over web-based GUI

• Well-defined LEDs clearly display device and network status

• Hardware DES and AES Encryption to keep your data safe from unauthorized access

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SPECIFICATION

Connectivity
- 2x RF F-type female 75Ω connector (to wall and to TV)
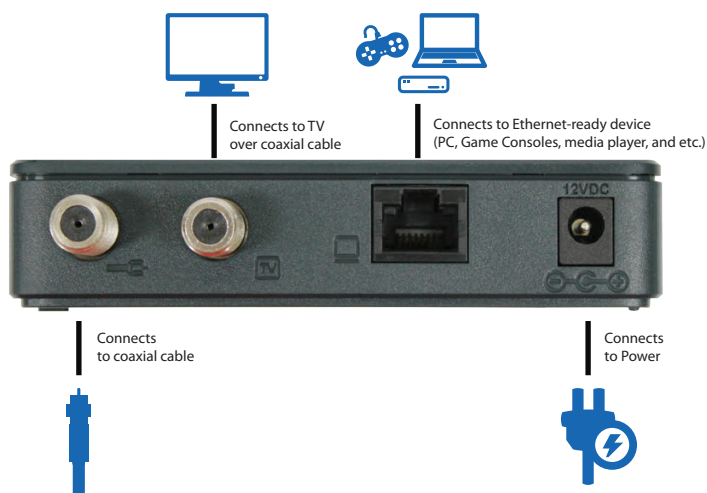- RJ-45 Ethernet port 10/100/1000 Mbps (Auto-MDI/MDIX)

Management
- Web-based GUI control configuration and management
- Dual-color LEDs clearly display network status

MoCA 2.0 Reception / Transmitter-Modulation
- Demodulation/ Modulation:
  BPSK, QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM, 512QAM, 1024QAM
- Data Rate: 700 Mbps (Baseline Mode)
- Throughput: 400+Mbps (Baseline Mode) / 500+Mbps (Turbo Mode, Point to Point Configuration)
- Frequency (center frequencies): 1025 ~ 1625Mhz
- Channel Bandwidth: 100 MHz
- Link Privacy: 56-bit DES and 128-bit AES hardware encryptions for network security and password

Simple installation

Mechanical
- 4 status LEDs (Power, LAN activity, LAN link, MoCA)
- Dimensions: 110mm (W) x 70mm (H) x 25mm (D)
- Weight: 500g

Environmental
- Power Input: DC 12V / 0.5A
- Power Consumption: 5W (Max)
- Operating Temperature: 0 ~ +45 ℃
- Operating Humidity: 10 to 90% RH
- Storage Temperature: -30 ~ +70 ℃
- Surge Protection: RF input sustains at least 4KV; Ethernet RJ-45 sustains at least 4KV

Compliance Certificates
- RoHS Compliant
- FCC/IC

Connects to TV over coaxial cable

Connects to Ethernet-ready device (PC, Game Consoles, media player, and etc.)

Connects to coaxial cable

Connects to Power