NETGEAR®

MoCA® Coax to Ethernet Adapter

Data Sheet

MCA1001v2



Home Networking Using Coax Cabling

The use of network-connected devices continues to accelerate. End-users need a way to connect their multi-media devices to their coax networks. MoCA to Ethernet adapters provide device connectivity using coax as the home network backbone. The MCA1001v2 is ideal for connecting multiple devices in a home network.

The NETGEAR Difference

- Advanced Quality of Service (QoS) supports uninterrupted HD video, gaming and high-speed networking
- · Data encryption ensures privacy and security

Benefits

- Delivers up to 225 Mbps transfer speed[†]
- Turns coaxial cable outlets into high-speed Ethernet network connections
- For use with both wired and wireless routers and gateways

Simple setup of a MoCA Coax-Ethernet Adapter



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Technical Specifications

System Requirements

- Microsoft® Windows® Internet Explorer 7.0 or later or other operating system running a TCP-IP network
- In-home coax wiring system with 2 way switch/splitter

Physical Interfaces

- 1: LAN-10/100 Mbps Ethernet RJ45 port
- 1: F-type MoCA 1.0
- 1: F-type out to TV

Physical Specifications

- Dimension: 25.4 x 171.5 x 111.1 mm (1.0 x 6.75 x 4.38 in)
- Weight: 0.28 kg (0.62 lb)

Performance

· Speed: 225 Mbps[†]

Compliance

- MoCA 1.1
 - Ensures interoperability with MoCA 1.0 and 1.1 certified products

Power Adapter

• 12V, 1A power adapter, localized to country of sale

Typical Coverage

- Maximum 300 feet of cable between root node and outlet
- No amplifiers in the path between MoCA nodes unless appropriately bypassed at MoCA frequencies (D band 1125~1500 MHz)
- Not compatible with satellite television installations (DIRECTV®, DISH Network)

Package Contents

- One (1) MoCA Coax to Ethernet Adapter (MCA1001v2)
- · Ethernet cable
- · Power adapter
- · Installation guide
- Warranty/support information card

Warranty

- US: NETGEAR 1-year warranty
- Rest of world: NETGEAR 2-year warranty

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[†] Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate.