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## Xfinity CA010AAB

# Xfinity CA010AAB MoCA Network Adapter User Manual

Brand: Xfinity | Model: CA010AAB (ECB6250S02)

## INTRODUCTION

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The Xfinity CA010AAB MoCA Network Adapter is designed to extend and enhance your home network by utilizing existing coaxial cable wiring. This device converts an RJ45 Ethernet signal into a MoCA Coaxial signal, allowing for fast, reliable speeds and consistent Gigabit Ethernet performance. It helps extend your network's reach to any room with a coax outlet, providing a stable connection for various Ethernet-enabled devices.

## PRODUCT OVERVIEW

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Figure 1: Front view of the Xfinity CA010AAB MoCA Network Adapter.

The Xfinity CA010AAB MoCA Network Adapter is a compact device designed to seamlessly integrate into your home network. It features ports for coaxial cable input/output and an Ethernet port for connecting to your router or devices. LED indicators provide status updates on power and network connectivity.

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*Video 1: Product Overview of a similar MoCA adapter, demonstrating its physical appearance and ports.*

## PACKAGE CONTENTS



Figure 2: Contents of the Xfinity CA010AAB MoCA Network Adapter kit.

The standard package for the Xfinity CA010AAB MoCA Network Adapter (1-Pack, ECB6250S02) typically includes:

- 1 x Xfinity CA010AAB MoCA Network Adapter
- 1 x Ethernet Cable
- 1 x Power Adapter
- 1 x Coaxial Cable
- 1 x Coaxial Splitter (if included in the specific pack)

## INSTALLATION GUIDE

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Follow these steps to set up your MoCA Network Adapter for optimal performance:

### Step 1: Connect the First MoCA Adapter to Your Router/Gateway

1. Connect one MoCA adapter to your router via the Ethernet port.
2. Connect the coaxial cable from your wall outlet to the 'Coax In' port on the MoCA adapter.
3. If your router/gateway has a coax port, you may need to use a bi-directional MoCA splitter (not included) to connect both the adapter and your gateway to the same wall coax outlet.
4. Plug in the power adapter to the MoCA device and an electrical outlet.

Figure 3: Rear view of the MoCA adapter with Ethernet and Coax ports. Note the FCC ID: VULAPS1 and Model: Cisco CA010AAB.

### Step 2: Connect the Second MoCA Adapter to Your Device

1. In the room where you need extended Ethernet connectivity, connect the second MoCA adapter to the wall's coaxial outlet.
2. Connect an Ethernet cable from the MoCA adapter's Ethernet port to your device (e.g., HDTV, set-top box, PC, gaming console).
3. Plug in the power adapter to the second MoCA device and an electrical outlet.

Figure 4: Bottom view of the MoCA adapter showing serial number [CS1250346287](#) and MAC address [F44B2A079315](#).

## Step 3: Verify Connection

Ensure the Power and Coax LEDs (lights) on both MoCA adapters are solid green. This indicates a successful connection and active MoCA network.

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*Video 2: Setup guide for a MoCA adapter, illustrating the connection process and light indicators.*

## KEY FEATURES

- **Ethernet Over Coax Conversion:** Converts RJ45 internet signals into MoCA Coaxial for network extension.
- **High-Speed MoCA:** Designed for fast, reliable speeds and consistent Gigabit Ethernet performance.
- **Utilizes Existing Coax Wiring:** Creates an Ethernet network using your home's existing coaxial cables, eliminating the need for new wiring.
- **Enhanced Network Stability:** MoCA technology minimizes external interference and offers low signal attenuation, providing a stable and reliable connection comparable to direct Ethernet.
- **Plug and Play Setup:** No complex configuration required for the adapter or your router.
- **Multi-Device Support:** Supports up to 16 devices in a single home network.

## COMPATIBILITY & IMPORTANT NOTES

The Xfinity CA010AAB MoCA Network Adapter is compatible with any Ethernet router and virtually any device with an Ethernet port, including computers, Xbox One, PS4, Roku, Nintendo Switch, streaming media devices, and digital audio streamers.

### Important Compatibility Restrictions:

- **Not compatible with:** Direct TV, Dish or other satellite TV, AT&T internet, or AT&T U-verse coax networks.
- **Warning:** This product WILL NOT work if the coaxial cable in your home is also being used for cable TV and/or Internet Services from providers like Cox, Xfinity, or AT&T.

For optimal performance, it is recommended to purchase at least two MoCA adapters: one to convert the Ethernet signal to coaxial at your router, and another to convert the coaxial signal back to Ethernet at your device.

## SPECIFICATIONS

Attribute	Value
Model Number	CA010AAB
Brand	Xfinity
Package Dimensions	6.81 x 5.39 x 3.23 inches
Item Weight	1.23 pounds
Color	black
Connector Type	Coaxial, RJ45
Compatible Devices	Desktop
Manufacturer	Xfinity
Date First Available	December 9, 2020

## SUPPORT

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For further assistance, technical support, or warranty information, please refer to the official Xfinity support channels or visit their website. Ensure you have your product model number (CA010AAB) and any relevant purchase details available when contacting support.