

Multi-band MoCA Network Adapter

Do your customers have a bunch of powerful entertainment devices (HDTVs, DVRs, gaming consoles, and Blu-Ray players), but no easy way to connect them all to the Internet? Actiontec comes to the rescue with the Multi-band MoCA Network Adapter. Designed to turn a coaxial cable network into a high-speed Internet access, the adapter delivers up to 170 Mbps of bandwidth wherever there's a coaxial port. Now, there's no need to run Ethernet cable all over the house, or depend on the whims of wireless networking. And best of all, the same multi-band adapter can work with cable, satellite, and fiber optic services, so there's no need to stock multiple versions.

Single Solution for all Three Pay TV Segments

The Multi-band MoCA adapter is the first MoCA adapter to **support both the high frequency MoCA D Band** used in cable and Verizon FiOS, as well as the **mid-range MoCA E Band** for DirectTV homes in a single device. This versatility simplifies inventory management and lowers costs as a single SKU can now support multiple networks. Whether your end user subscribes to services from DirectTV, Verizon FiOS, or cable operator, the same MoCA adapter seamlessly fits into their home network.

Network Expansion without New Wires

MoCA technology offers a powerful, 'no excuses' whole-home network for HD video and streaming media services, using the existing coax infrastructure found in the home. As a result, it's an ideal solution for creating a high performance home network as more than **90% of U.S. homes have coax installed**, compared with less than 10% of homes with Ethernet installed. The Multi-band Network Adapter is perfect for condominiums, apartment buildings, homes, and other residential buildings. You can add high-speed Internet access anywhere without the hassle and high cost of complex infrastructure modifications.

Plug in and Play

The Adapter is also easy to install, easy to use, and easy to maintain, a result of Actiontec's many years of experience in home networking. It **automatically detects and joins a service provider's MoCA network**, requiring minimal user intervention. And millions of residential consumers have an Actiontec MoCA solution running in their home today, so you can be sure you're delivering field-proven technology from an industry leader.



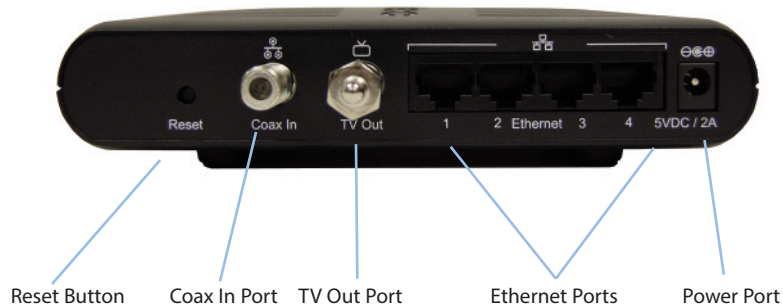
Model# ECB3500T

Features

- Single SKU for cable, DirectTV, and Verizon FiOS
- Uses existing coax cabling
- Automatically detects and joins a service provider's existing MoCA network
- Up to 170 Mbps over coax
- Password protection for access control
- Supports full Ethernet speed



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Technical Specifications

Protocol/Standards/Support

- Ethernet IEEE 802.31 (10BaseT @ 10 Mbps)
- Ethernet IEEE802.3u (100BaseT @ 100 Mbps)
- MoCA 1.0/1.1

MoCA

- Network Size: 16 Devices
- Network Password Protected

LAN Interfaces

- Four 10/100 Ethernet
- One Coaxial Jack

Network Frequency Range

- Coax/MoCA D Band: 1150-1625 MHz
- Coax/MoCA E Band: 500-600 MHz

Physical Specifications

- LED Indicators
 - * 1 Power
 - * 1 Coax
 - * 4 Ethernet
- External Connectors
 - * 4 RJ45
 - * 1 Coax F Connector
 - * 1 DC Power Input
 - * 1 Factory Default Reset Button

Regulatory Approvals

- FCC 15B
- UL
- MoCA 1.1

RF Interface

- Connector: F-type
- Impedance: 75

Power Requirements

- Supply Voltage Range: 100VAC - 240 VAC (50/60 Hz)
- Power Consumption: Less than 10W +/- 5%

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