

Verizon Coaxial Network Adapter

Got a bunch of powerful entertainment devices (DVRs, Blu-Ray players, or gaming consoles), but no way to connect them all to the Internet? Actiontec comes to your rescue with its Coaxial Network Adapters. Designed to turn your coaxial cable network into a high-speed Internet access, the Adapter teams up with your Actiontec MI424WR router to deliver up to 270 Mbps of bandwidth anywhere you've got a coaxial port. In addition to all of this power and connectivity, 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. Now, there's no need to run Ethernet cable all over your house, or depend on the whims of wireless networking. With Actiontec's Coaxial Network Adapters, plug in to your coaxial network, and play.

The Future is Not Far Off

The Coaxial Network Adapter is perfect for condominiums, apartment buildings, homes, and other residential buildings. Add high-speed Internet access anywhere without the hassle and high cost of complex infrastructure modifications. The Coaxial Network Adapter is easy to use, features simple and seamless integration, and offers endless possibilities for network expansion over existing wiring configurations. Bridging the divide between Ethernet and Coaxial networks, this Adapter brings the future of multimedia experience to the home today.



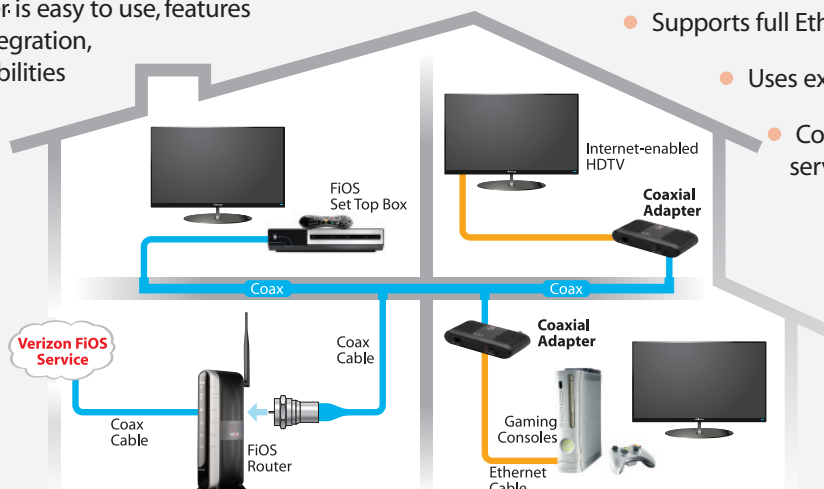
ECB2200V

A Solution for the Home Entertainment Network

As modern homes become increasingly equipped with multiple, high-definition TVs, and DVRs, the need for increased bandwidth throughout the home is becoming more and more critical. The standard home network is rapidly mutating from the basic printer-DSL modem-computer configuration (in which the most critical networking task is moving documents around) to high-performance IP networking that transmits massive multimedia files (digital, high-resolution movies, for example) at high rates of speed with little or no degradation. That's where the Coaxial Network Adapter shines, as it coexists with most broadband services.

Features

- Supports full Ethernet speed
- Uses existing coax cabling
- Coexistence with cable TV services



Technical Specifications

Features	Descriptions
RF Interface	Connector: F-type Impedance: 75 Ω
Network Center Frequency Range	1150 ~ 1500 MHz
Network Frequency Range	1125 ~ 1525 MHz
Max Transmit Power	+3 dBm (52 dBmV)
Link Conditions	Min Attenuation (> 250 Mbps): 10 dB min Max Attenuation (> 250 Mbps): 50 dB max Max Attenuation (>30 Mbps): 68 dB max
Network Size	16 Devices (including NC)
Max Physical Data Rate	Up to 270 Mbps
Coax Application Data Rate	Up to 175 Mbps bi-directional combined
Ethernet Interface	Connector Type: RJ45 Configuration: One Port Protocol: IEEE 802.3x, 100M Fast Ethernet
MoCA Version	MoCA 1.1
Link Delay	Typical: 3.5 ms Max: 9 ms
Power Requirement	Power Consumption: < 5 Watts Input Range: 100-240VAC, 50/60Hz
Environmental Conditions	Ambient Temperature Range: 0 ~ 40 °C Storage Temperature Range: -5 ~ 65 °C Operating Humidity: 10% ~ 95% Non-condensing



Back of Unit

Minimum System Requirements

- Verizon FiOS® Router or other MoCA enabled network device
- Works with any Ethernet enabled device

Package Contents

- Verizon Coaxial Network Adapter
- Quick Start Guide
- One Ethernet Cable
- Two Coax Cables
- One Two-Way Coax Splitter
- One Power Adapter