Fios
Network Adapter

verizon✓

Model#
ECB5240M

See an instant performance boost with blazing fast wired speeds.

The connected home needs more bandwidth than ever before. Over-the-Top HD video is pushing home networks to the limits. Tablets, smartphones, gaming devices and televisions are often streaming high-definition content at the same time. Most homes today are wired with coaxial cable, but to take full advantage of all this bandwidth could require a costly upgrade to an Ethernet wired network. That is until now.

The Fios Network Adapter (FNA) brings Ethernet wired speeds to the entertainment center and other locations, delivering HD video, online gaming, and high-speed networking. The device connects to your existing coaxial network and provides for up to four Ethernet ports with the reliability and performance of a wired connection.

Four Ethernet ports provide extra capacity

With four Ethernet ports, the Fios Network Adapter ensures you'll have extra wired connections for your devices in the home entertainment center, home office, or other high-density locations. Connect the HD television, streaming media device, set top box, gaming console, or any device requiring an Ethernet port.

Works over existing home coax wiring

The Fios Network Adapter leverages MoCA technology. MoCA, which stands for "Multimedia over Coax Alliance", delivers a high-speed Ethernet connection, but delivers it using your existing coaxial cable (the wire you use to receive cable TV) to any room in your home that has a coaxial outlet.

This means you can connect a device in the home theater, even bring an awesome gaming experience to the basement, without having to run Ethernet cable all over the house or struggle with wireless dead zones or spotty signal strength.

Install in minutes.

Simply insert the Fios Network Adapter into your network between a coaxial outlet and the gaming station, HDTV, set-top box or other Ethernet connected device. Most do–it-yourself consumers can complete the installation in just a few minutes.

Flexibility and support for older MoCA standards

The Fios Network Adapter is capable of supporting Bonded MoCA 2.0, yet it is also backward compatible to support earlier MoCA protocols (non bonded MoCA 2.0, 1.1, and 1.0). This means that the Fios Network Adapter will automatically detect and connect using any of these MoCA protocols supported by your home network and still take advantage of your coaxial network without necessarily having to upgrade existing devices.

Features:

- Works over home's existing coaxial wiring
- Plugs into any working coaxial outlet to provided a high speed Ethernet connection
- Perfect for delivering OTT HD video to the home theater or for high speed Internet access to a gaming console
- Supports the following MoCA protocols:
    - o Bonded MoCA 2.0
    - o MoCA 2.0
    - o MoCA 1.1
    - o MoCA 1.0
- Four Ethernet ports for connecting up to four different devices
- Not prone to hacking or interference with other devices
- Installs in just a few minutes

• In order to support Bonded MoCA 2.0, the device providing the broadband service to the coaxial network must operate with Bonded MoCA 2.0. If not, this could be introduced by using two Fios Network Adapters.
• Actual speeds vary due to device limits, MoCA protocol used, network and other factors, and your broadband service plan.
• Coax outlets and Coaxial wiring must all be part of the same coax system. Certain coax conditions in your home, such as wiring conditions and configuration may effect the performance of this product.

Network Adapter

Specifications

RF interface

– Connector: F-type

– Impedance: 75 Ω

Coax in frequency range

– Extended D-band: 1125 ~ 1675MHz

– Full Port Range: 5 ~ 2150MHz

Transmit power

– Max: 7 dBm

– Typical: 2 - 5 dBm

Link conditions

– Attenuation @ 0 dB: 980 Mbps typically

– Attenuation @ 50 dB : 940 Mbps typically

Network size

– 16 Devices (including NC)

Security

– Unique MoCA privacy password assigned to each device

– User configurable password

Ethernet interface

– Connector Type: RJ45

– Configuration: Four Ports

– 10/100/1000 Base T 802.3ab Ethernet LAN

Note: 1000 BaseT speeds may be restricted by MoCA protocol being used

MoCA version

– Bonded MoCA 2.0

– Backward compatible with MoCA 2.0, 1.1 and 1.0

Link delay

– Typical: 2.5 ms

– Max: 3.0 ms

Power requirement

– Power consumption: <5 Watts

– Input range: 100-240 VAC, 50/60 Hz

Environmental conditions

– Ambient Temperature Range: 0 ~ 40 °C

– Storage Temperature Range: -20 ~ 85 °C

– Operating Humidity: 10% ~ 95% Non-condensing

Regulatory approvals

– FCC

– UL

– MoCA

• Verizon makes no express or implied representations or warranties about this product's compatibility with any future standards.

• Product photo may differ from actual product, however functionality remains as stated above.

• Specifications are subject to change without notice.

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