TRENDnet®

2.5Gbps Ethernet over Coax Adapter (2-Pack)

TMO-313C2K (V1)

- Includes two MoCA® 2.5 (TMO-313C) 2.5Gbps Ethernet over Coax Adapters
- Supports MoCA® 2.5 over coaxial cables
- 1 x MoCA Coax: F-Type Female coax input
- 1 x 2.5Gbps RJ45 LAN port
- Backward compatible with MoCA 2.0/1.1/1.0 standards
- Supports up to 16 nodes on one network
- Bonded MoCA 2.5 channels provide a net throughput of up to 2.5Gbps
- Designed to connect Ethernet devices to an existing MoCA compliant network
- Not compatible with DirecTV, DISH Network, AT&T U-verse, or other non-MoCA compliant subscription services
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's MoCA® 2.5Gbps Ethernet Over Coax Adapter (2-Pack), model TMO-313C2K, uses your existing coaxial cables to extend a high-speed building-wide Triple Play network throughout your home or office. These compact coax to Ethernet adapters are designed to support MoCA 2.5 deployment for digital TV, high-speed internet, and VoIP single-access subscription service offerings. Compliant with Multimedia over Coax Alliance (MoCA 2.5) standards with improved packet error rate technology that delivers consistent voice and video bandwidth with lowered latency.

MoCA 2.5

Supports Multimedia over Coaxial Alliance 2.5 with improved packet error rate technology that delivers consistent voice and 4K HD video bandwidth with lowered latency.

2.5G Port

Each MoCA adapter is equipped with one 2.5GBASE-T RJ45 port that provide ultra-fast speeds capable of up to 2.5Gbps.

Easy Installation

No configuration needed, simply connect the adapters to the MoCA network to extend your network over existing coaxial cabling.

FEATURES

Easy Installation
These MoCA coax to Ethernet adapters require no configuration, simply connect the adapters to the MoCA network to extend your network over existing coaxial cabling

MoCA 2.5
Supports Multimedia over Coaxial Alliance 2.5 with improved packet error rate technology, delivering consistent voice and 4K HD video bandwidth with lowered latency

2.5G Port
Each coaxial cable to Ethernet adapter is equipped with one 2.5GBASE-T RJ45 port that provide ultra-fast speeds capable of up to 2.5Gbps
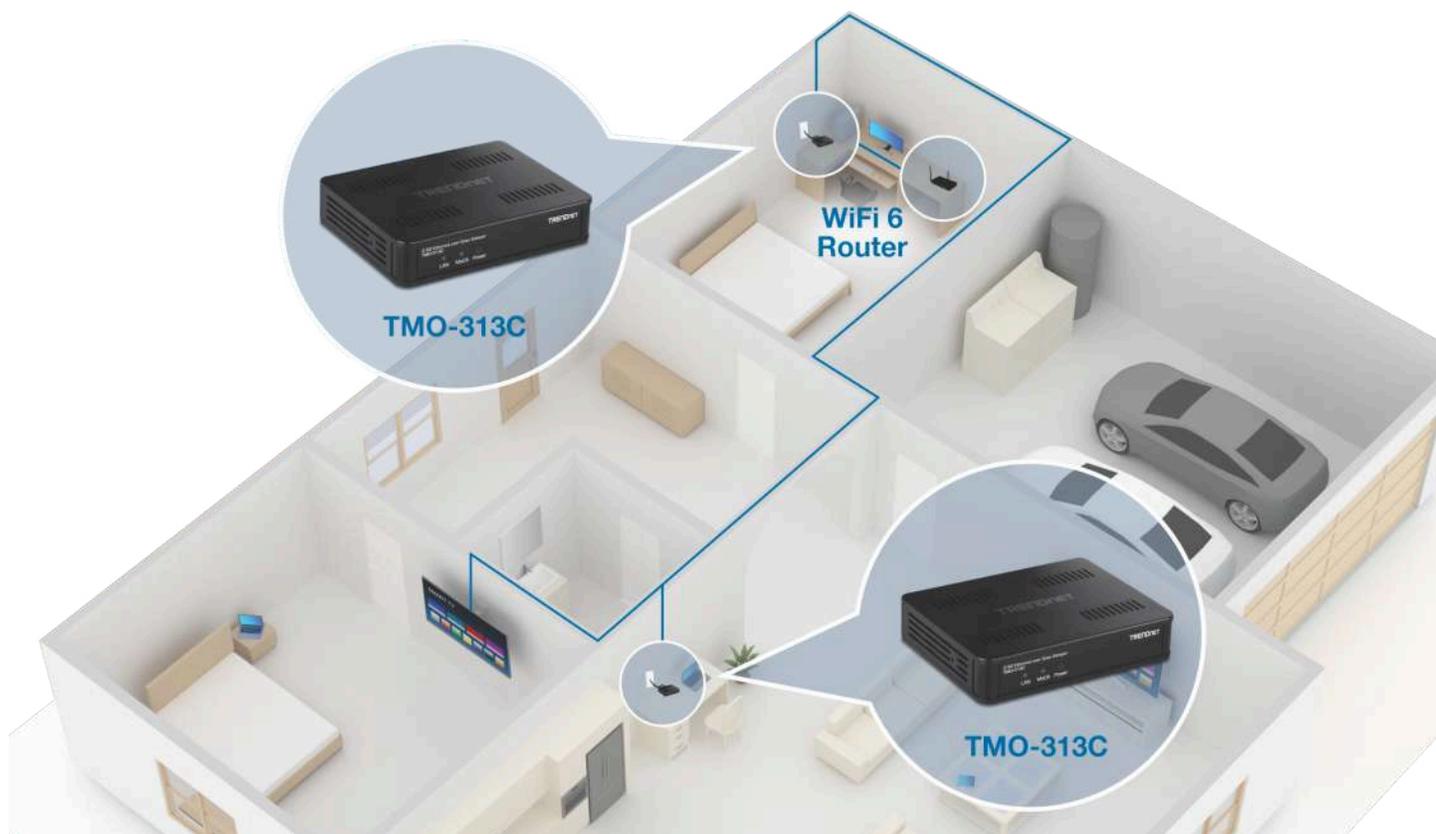
Compact Design
With a compact and lightweight housing design, our coax to Ethernet adapters are well-suited for a variety of installations, such as your desktop or entertainment center

LED Indicators
LED indicators on the coax to Ethernet adapters convey MoCA, LAN, and Power status

NETWORKING SOLUTION

1 x 2.5Gbps RJ45 LAN Port
(10Mbps/100Mbps/1000Mbps/2.5Gbps)

2.5G Ethernet over Coax Adatper
TMO-313C

LAN   MoCA   Power

Reset
Button

LED
Indicators

1 x Coax Cable In Port
(Female) (up to 2.5Gbps)

Power

TMO-313C

WiFi 6
Router

TMO-313C

TRENDnet®

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3bz
- MoCA 1.1/1.0
- MoCA 2.0
- MoCA 2.5

Device Interface

- 1 x Coax cable in port (female) (Up to 2.5Gbps)
- 1 x 2.5Gbps RJ45 LAN port (10Mbps/ 100Mbps/1000Mbps/2.5Gbps)
- Reset button
- LED indicators
- Power jack

Data Transfer Rate

- MoCA 1.1: Single channel up to 225Mbps
- MoCA 2.0: Single channel up to 600Mbps
- MoCA 2.0: Two bonded channel up to 1.2Gbps
- MoCA 2.5: Five bonded channel up to 3Gbps
- MoCA MAC rate:
  - 16-node single channel: up to 400Mbps
  - 16-node 2 channel bonding: up to 800Mbps
  - 16-node 5 channel bonding: up to 2.5Gbps

MoCA Radio

- Max. 16 MoCA 1.1 or 2.0/2.5 devices
- Max. 8 MoCA 1.0 devices
- Max. transmit power: +3 dBm typical
- 1.1/1.0 channels: 8 with 50MHz bandwidth
- 2.0 channels: 10 with 100MHz single channel, 225Mhz bonded channel
- 2.5 channels: 5 with 100MHz bonded channel
- 2.0/2.5 Edge-to-edge frequency: 1125-1675MHz
- Default channel: 1150MHz

Compatible

- Frontier/Verizon FiOS
- Spectrum
- Cox Communications
- Comcast
- Devices with Ethernet port

Not Compatible

- DirecTV
- DISH Network
- Satellite TV
- AT&T U-verse

Power

- Input: 100 – 240V AC, 50/60Hz, 0.5A
- Output: 12V DC, 1A external power adapter
- Max. consumption: 12W

Operating Temperature

- 0° – 40° C (32° – 104° F)

Operating Humidity

- Max. 85% non-condensing

Dimensions (per unit)

- 112 x 88 x 25mm (4.4 x 3.5 x 1 in.)

Weight (per unit)

- 116g (4 oz.)

Certifications

- FCC

Warranty

- 3-year

Package Contents

- 2 x TMO-313C
- 2 x Power adapter (12V, 1A)

** 2.5Gbps is the maximum theoretical MoCA 2.5 data rate when connecting bonded MoCA 2.5 devices. Data throughput may vary based on coax wire conditions or quality.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.