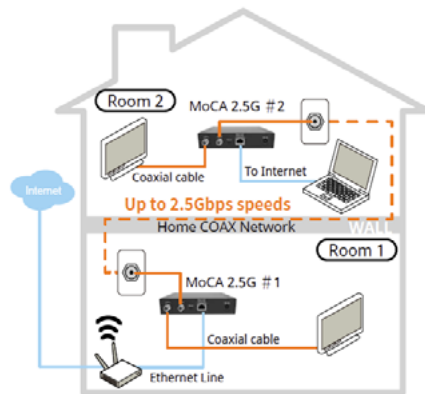


EC-2500G

(2.5 Gbps Ethernet over Coax)



Features

- MoCA 2.5G uses existing coax cabling to send high speed internet to any room with a coax cable connection
- 2.5 Gbps of data throughput makes it perfect to stream high quality 4K video over network
- MoCA 2.5 provides an extremely reliable and stable wired connection compared to WiFi signals
- Connect up to 16 MoCA enabled devices at the same time using existing coax cabling for home network (no need to run additional wiring)
- Operational frequency D-Band (1125-1625 MHz) eliminating interference with CATV signals

The EC-2500G is a MoCA 2.5 adapter that sends high speed Ethernet up to 2.5 Gbps throughput up to 16 locations with coax connections to other MoCA enabled devices. EC-2500G simply connects to a 1G or 2.5G Ethernet port on your router, converts to coax output and then connects to existing coax wiring to easily create a fast reliable network without adding new cabling. There are numerous advantages to using EC-2500G for your network: Free up and extend WiFi to rooms that don't have good coverage, provides low latency for high speed gaming, more reliable stable connection using wired connection, very high data throughput of 2.5 Gbps for 4K video streaming, easy set-up/plug & play, secure wired connection uses MPS (MoCA protected set-up), MoCA compatibility with other MoCA devices and compatible with any Ethernet connection including laptops, desktop computers, streaming media players or gaming consoles.



EC-2500G

MoCA 2.5G adapter (2.5 Gbps Multimedia over Coax)

Models

Model	Description
EC-2500G	MoCA 2.5G adapter, up to 2.5 Gbps Ethernet throughput, MoCA and CATV coax F-connections, 12 VDC power supply

Specifications

Network Specifications	
Protocols	2.5GBASE-T (IEEE 802.3bz, NBASE-T), 10/100/1000BASE-T (IEEE802.3 Clause 40)
Transmission Speeds	10/100/1000/2500 Mbps
Connector	RJ45
MoCA Specifications	
Standard	MoCA 2.5: MXL3710, MAC data rate @ 2.5Gbps PHY: 2.5G Intel GPHY211
Carrier Modulation	OFDM 1024-QAM, TDD
Carrier Frequency	D-Band, 1125-1675 MHz
Channel Bandwidth	5 x 100 Mhz
Connector	75 Ohm F
CATV Specifications	
Output Frequency Range	5 - 1002 MHz
Connector	75 Ohm F
Mechanical Specification	
Enclosure type	Stand-alone, robust metal
Dimensions (L x W x H)	4.87" x 3.25" x 1.13"
Weight	8 ounces
Power Specifications	
Power Supply	12VDC
Environmental Specifications	
Operating Temperature	5 to 40 C
Operating Relative Humidity	80% @ 30C

