Fi-Speed-CNU-xx

(Fiber Speeds over Coax)
(Up to 2.5 Gbps Symmetrical)

Features

- MoCA Access technology uses existing coax cabling to deliver 2.5G high speed internet to any home with a coax cable connection

- 2.5 Gbps of data throughput makes it pefect option to stream high quality 4K video, VOD, IPTV, VOIP, OTT and deliver any other service over the internet

- MoCA Access provides an extremely reliable and stable wired connection compared to WiFi signals

- Connect up to 124 MoCA Access Fi-Speed-CNU-xx to 4 port Fi-Speed Micronode using existing coax cabling for 2.5G to the home (no need to run additional wiring)

- Operational frequency D-Band (1125-1625 MHz) eliminating interference with CATV signals

- Optional "Intelligent Power" over coax providing reverse power to remotely power Fi-Speed Micronodes over same coax cable

Fi-Speed-CNU-xx is a MoCA Access coax to ethernet adapter that provides high speed Ethernet up to 2.5G throughput using existing coax connections to each MDU/home. Each Fi-Speed-CNU-xx connects to a Fi-Speed Micronode to deliver either 1G or 2.5G to each home. The Fi-Speed Micronode connects to 10GE or PON uplink, 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 Fi-Speed for your network: Provides very low latency, more reliable stable connection using wired connection, very high data throughput of 2.5 Gbps (fiber speeds over coax) for 4K video streaming, easy set-up/plug & play and secure wired connection. MoCA Access technology delivers reliable, error free, multi gigabit network connection to accommodate simultaneous multiple connected devices such as laptops, desktop computers, streaming media players, smart TV's, gaming consoles, as well as any other devices for VOIP, IPTV, OTT and VOD services. Fi-Speed is the ideal solution to deliver fast and cost-effective high-speed broad-band to any home!

FI-SPEED-CNU-XX

MoCA Access Coax to 2.5G Ethernet Adapter

OPTICONN
TECHNOLOGIES THAT CONNECT

Models

Model	Description
FISpeed-CNU-1G	MoCA Access CNU, 1GE RJ-45 connection, MoCA and CATV coax F-connections, 12 VDC power supply
FISpeed-CNU-2.5G	MoCA Access CNU, 2.5GE RJ-45 connection, MoCA and CATV coax F-connections, 12 VDC power supply
FISpeed-CNU-2.5G-RP	MoCA Access CNU, 2.5GE RJ-45 connection, Intelligent Power for remote powering of Fi-Speed Micronode, MoCA and CATV coax F-connections, 12 VDC power supply

MOCA STATUS LED

ETHERNET STATUS LED

POWER LED

CATV
F-CONNECTOR

RJ45   RESET
ETHERNET

MOCA 2.5
F-CONNECTOR

12 VDC

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 Access 1 x PHY 2.5G Ethernet
Modulation	Adaptive OFDMIZER up/down
Carrier Frequency	Default: D-Band, 1125-1675 MHz Tunable RF Band: 400 MHz to 1.7 GHz (500 MHz band)
Connector	75 Ohm F

CATV Specifications	
Output Frequency Range	5 - 1002 MHz
Connector	75 Ohm F

Mechanical Specification	
Enclosure type	Stand-alone, Plastic
Dimensions (L x W x H)	4.33" x 2.75" x 1.10"
Weight	8 ounces

Power Specifications	
Power Supply	12VDC

Environmental Specifications	
Operating Temperature	0 to 40 C
Operating Relative Humidity	20% to 85%, non-condensing