G.hn Wave2 over Coax Adapter

G.hn Coax Adapter

G.hn 2Gbps **|** 200MHz **|** Built-in Diplexer **|** 1x GE LAN

GCA-6010

GCA-6010 is designed as CPE (customer premises equipment) for Ethernet Adapter over coax network home networking, as well as for MDU application over a shared coaxial network. GCA-6010 fully complies with ITU-T G.hn standards for a coaxial interface and supports a 200MHz operating band and built-in diplexer for coexistence with CATV/UHF/VHF services.

Two coaxial interfaces on the GCA-6010; one is for connecting to the backbone coax network and the other is for the TV set.

KEY FEATURES

- **Super Performance:** With ITU-T G.hn baseband plans, 200MHz for coax, and up to 2Gbps PHY rate over coax.

- **Ultra High-Speed Data Transmission:** Of up to 1.7 Gbps dramatically increases the performance of next-generation home entertainment.

- **Plug & Play:** Allows quick and easy connections with embedded plug-and-play, no extra configuration required. It can be paired easily by simply connecting Ethernet cables to routers and devices.

- **Security:** With advanced data encryption capability, the coax networks are safer and more secure.

- **Diplexer for existence with existing TV service:** Cut-off above 250MHz for existing TV signals, saving the extra cost for deployment.

GCA-6010

G.hn 2Gbps | 200MHz | Built-in Diplexer | 1x GE LAN

SPECIFICATIONS	
Interfaces	▪ 1x Gigabit Ethernet LAN ▪ LED Indicators:, G.hn, Security, LAN, PWR ▪ Buttons: G.hn pairing, Reset ▪ 2x F-type connector
G.hn (Coax)	▪ ITU-T G.9960 & G.9961 compliant ▪ G.hn 200MHz ▪ Link rate 2Gbps, ▪ Data throughput 1.7Gbps
Management	▪ HTTP Web-based ▪ TR-069 over IPv4/v6 dual stack
Network Protocols	▪ 802.1D Ethernet Bridge ▪ 802.1Q VLAN ▪ Quality of Service (QoS) ▪ IGMP(IPv4) Snooping & MLD(IPv6) Snooping
Diplexer for existing TV service	Frequency: 250MHz to 1.2 GHz
External Power Adapter	Input: AC100-240V, Output: DC12V /1A ◇-ⓒ-◇
Dimensions	133mm (D) x 70mm (W) x 38mm (H)
Certifications	CE, FCC, UL, ITU-T G.hn Standard
ENVIRONMENT	
Operating Temperature	0 ~ 40 degrees Celsius
Relative Humidity	8 ~ 95% (non-condensing)

⚠ **WARNING**

Disconnect the power line from the device before servicing

For indoor use only

Do NOT open the casing

Do NOT use near water

Keep away from the fire

For use in ventilated environment / space

CE Standards:
EN 55032 / EN 55035
EN 62368-1 (Include ErP)

FCC / IC Standards:
FCC Part15B / ICES-003
UL 62368-1 / cUL62368-1

COMTREND

CE FC IC

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.