



## Mid-Band Coaxial Network Adapter

### TPA-311 (V1.0R)

The Mid-Band Coaxial Network Adapter (TPA-311) uses existing coaxial cables to extend a high speed building-wide Triple Play network throughout the home or office.

The mid-frequency adapter is designed to support deployment for digital TV, high speed Internet and VoIP single-access subscription service offerings. Compliant with ITU-T G.9954 and Home Phoneline Networking Alliance (HPNA) 3.1 standards. Robust Quality of Service technology delivers consistent voice and video bandwidth. Functions with complex phone line network topologies and compatible with Microsoft IPTV software. TRENDnet provides full support for client product testing and validation.

## Features

- Support HomePNA 3.1 over coaxial cable
- PHY Rate up to 256Mbps, Distance up to 1600 meter
- Support F-Type Female HomePNA and TV coax connector, Ethernet RJ-45 port
- Designed for multimedia on demand (MOD) over existing coaxial cable
- Supports HomePNA 3.1 parameterized QoS
- Designed with universal power rating
- 2-year limited warranty

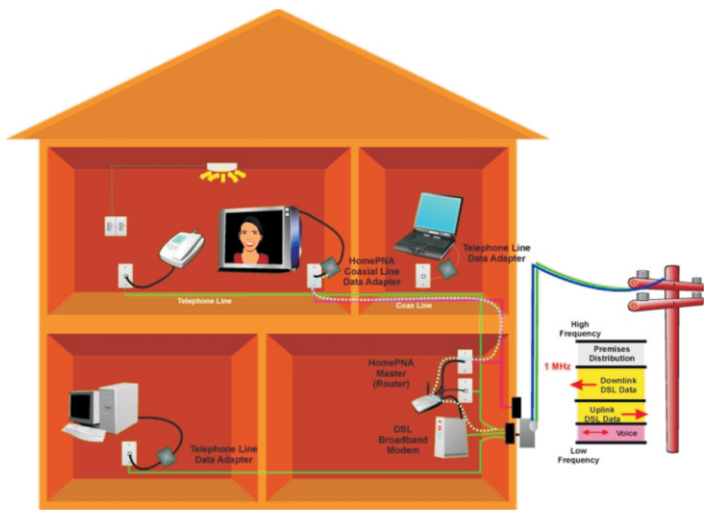
# Mid-Band Coaxial Network Adapter

TPA-311 (V1.0R)

## SPECIFICATIONS

Hardware	
Standards	• HomePNA 3.1 over coaxial cable • IEEE 802.3, IEEE 802.3u • ITU-T G.9954
Interface	• HomePNA Coax: F-Type Female coax connector • TV Coax: F-Type Female coax connector • LAN: RJ45 2 x Fast Ethernet
Data Rate	• Up to 256Mbps (PHY Rate) • Up to 193Mbps (Throughput)
Flash Memory	• 1024Kb
Max Attenuator	• 60dB @ 64Mbps
Baseband	• 12-44MHz
Point to Multipoint	• 10 clients per band (CG3210 Environment) • 8 client per band (Mix: CG3210, CG3110, CG3010)
Quality of Service	• 802.1p priority queue, TOS, Tag VLAN pass through, Guaranteed QoS on HomePNA 3.1 parameterized QoS
Power Consumption	• 4.5w (max)
Diagnostic LED	• Power, HomePNA, Ethernet
Power Adapter	• Input linear: 100~120VAC or 200~240VAC • Output: 7.5V/1A
Dimension	• 118.47 x 82.13 x 30 mm (4.664 x 3.233 x 1.18 in)
Weight	• 142g (5 oz)
Temperature	• Operation: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 65° (14° ~ 149° F)
Humidity	• 10%~95%, non-condensing
Certifications	• FCC, CE, VCCI

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

- TPA-311
- Power Adapter

## CONTACT INFORMATION

**TRENDnet**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

1-888-326-6061

