

BEC 7402HC/G ADSL2+/FTTH Gateway

Benefits:

- **2-in-1 Multi-service CPE** – ADSL2+ Router & FTTH HPNA Coax Gateway
- **No Wiring** – Extend your network service to every room by using existing coaxial cable
- **High Data Rate** – Data rate up to 100Mbps
- **Wireless mobility** – integrated with 802.11g wireless access point
- **Reliable** – a reliable transport medium to access and distribute Triple Play contents
- **Easy to Install** – Plug and Play with no professional installation required
- **Full Quality of Service** – Supports streaming video, and VoIP
- **Multi-room HDTV DVR** – Record and share digital videos simultaneously in every room
- **PC to TV content sharing** – Merge data and video-centric networks throughout the home



BEC 7402HCG front view



BEC 7402HCG rear view

ADSL Compliance

- Compliant with ADSL Standard
Full-rate ANSI T1.413 Issue 2
G.dmt (ITU G.992.1)
- Compliant with ADSL2 Standard
G.dmt.bis (ITU G.992.3)
- Compliant with ADSL2+ Standard
G.dmt.bisplus (ITU G.992.5)

ATM and PPP Protocols

- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)
- MAC Encapsulated Routing (RFC 1483 MER)
- OAM F4/F5

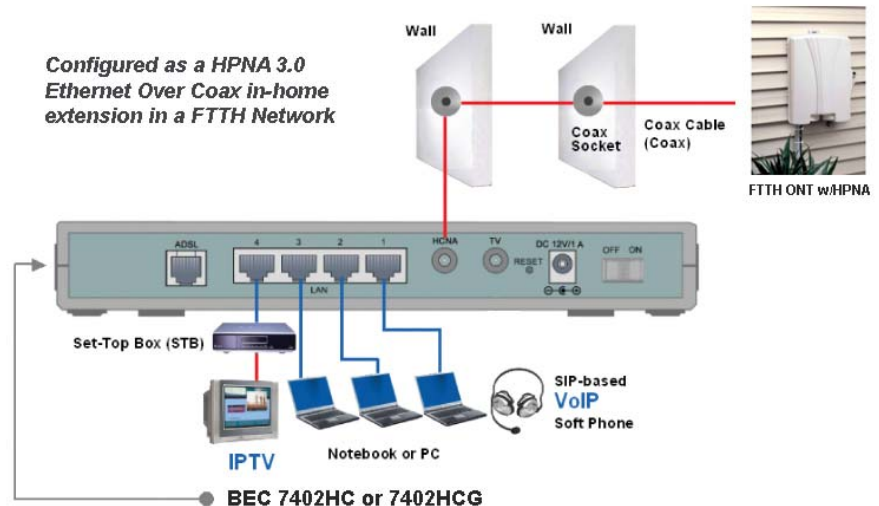
HCNA (HPNA3 over Coax) Compliance

- Spectrum: 4-21MHz
- Transmission Power: 0 +/-1 dBm
- Data Rate: Up to 128Mbps
- F-Type Female Connector: 2, one for HCNA, one for TV signal bypass
- Diagnosis for HCNA interface

Network Protocols and Features

- NAT, static routing and RIP-1/2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP, DNS relay and IGMP proxy
- POP3 (email account checking)
- IGMP Snooping for video service

Configured as a HPNA 3.0 Ethernet Over Coax in-home extension in a FTTH Network



Configured as an ADSL modem with HPNA 3.0 gateway in an ADSL2+ Network

