

Internet-to-tv

COAX ADAPTERS

**Most Reliable solution for delivering
a network connection to an internet connected device
when new cabling is not an option.**

1-Port
CM-6001



Internet-to-tv
COAX ADAPTER

1-Port Kit
CM-6000

CM-6000 is Retail packaged as a kit
and includes two CM-6001 adapters

Simple No new wires or home upgrades are required, Seamlessly linking consumer entertainment devices from room to room using the existing coax cable.

Easy to Install Works first time after set-up. No additional configuration. It works where the TV or STB works. Customers can easily place products and watch at the outlet they want.

Quality of Service The Internet-to-TV solution supports streaming media, including audio, SDTV and HDTV — without compromise. It is a clean, dedicated, shielded medium with open frequency. It coexists with CATV and terrestrial services. It supports content protection, key protocols, a high data rate, and PQoS for signal prioritization.

Secure Easily shares video and data files through a managed and trusted home network. Frequency auto-adjustable to be compatible with cable and terrestrial signals and avoid interference.

Future Proof The Internet-to-TV solution supports multiple simultaneous HDTV, SDTV, DVR, data, gaming, and voice streams. It can support up to 270 Mbps (phy rate) home network and is consistent with DLNA, CableHome, UPnP™ Technology, and 1394.

4-Port



Internet-to-tv
4-PORT COAX SWITCH

CM-6004

CM-6004 is sold individually
and is compatible with
the CM-6000.

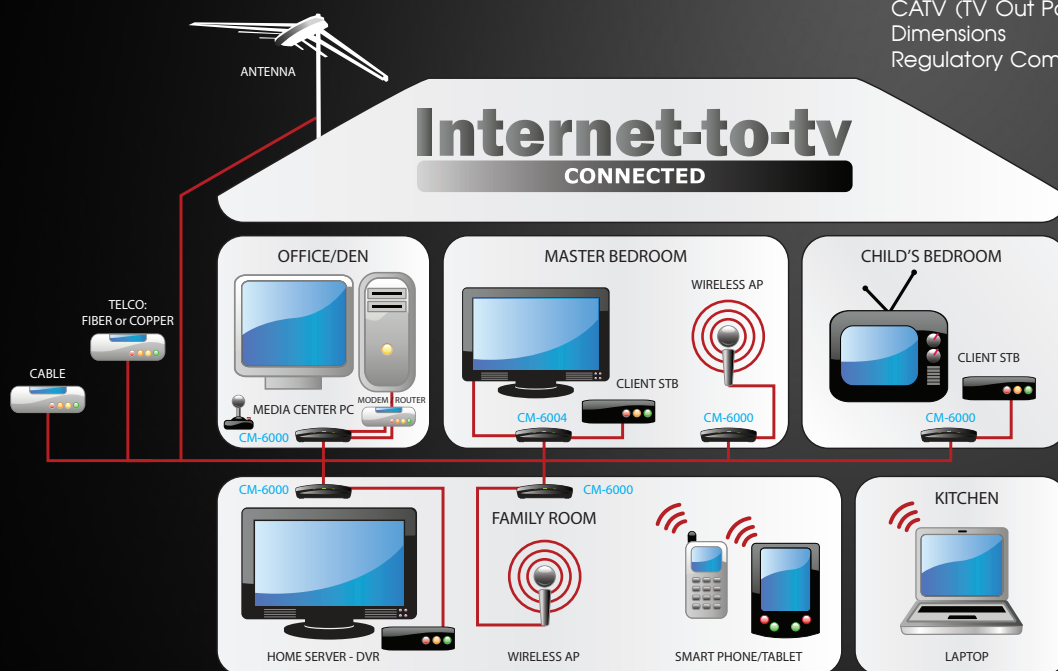
Channel Master®

Key Features

- MoCA 1.1 compliance (compliance with Rev 1.0)
- Coexists with cable TV and terrestrial broadcasts
- Status LED lights (Power, Ethernet Link/ACT, Coax Link)
- Up to 16 nodes supported
- Easy installation into existing home coaxial cable to link entertainment devices from room to room (No professional installation required)
- Reliable access to data, audio, and video streams (SDTV, HDTV)
- Transmission rates up to 270 Mbps (phy rate) 170 Mbps (MAC rate or Throughput). Transmission delay under 5ms.

Specifications

Frequency Range	
MoCA	1125MHz ~ 1525MHz (D Band)
TV Port	5MHz ~ 864MHz
Channel	
Channel Bandwidth	50MHz
Channel Number	D1~D8
Dynamic Range	80dB
Packet Error Rate	1E-6
Power Requirement	
Input Voltage	100-240VAC, 50/60Hz (Power Adapter)
Output Voltage/Current	5VDC, 2A (Power Adapter)
Ethernet Interface	
Connector	RJ-45, 1 Port
RF Interface	
CP (Common Port)	F-type Female connector, 75ohm
CATV (TV Out Port)	F-type Female connector, 75ohm
Dimensions	133.2 (W) × 102.7(L) × 28 (H)mm
Regulatory Compliance	FCC, ESD



About MoCA

The Multimedia over Coax Alliance (MoCA®) is the universal standard for home entertainment networking. MoCA is the only home entertainment networking standard with appeal to all three pay TV segments---cable, satellite and IPTV. The current MoCA specification can support multiple streams of HD video, deliver up to 175 Mbps net throughputs and offer an unparalleled user experience via parameterized quality of service (QoS).

MoCA has more than 70 certified products and more than 50 members worldwide representing the home entertainment network value chain including service providers, OEMs, consumer electronics companies and chip vendors.

TECHNOLOGIES PROS

Wireless (WiFi)

Mobility

Powerline (HomePlug, HDPLC, UPA)

Ubiquity of outlets

Internet-to-TV over Coax Solutions (MoCA)

Proven performance and Reliability In use by all three pay TV segments.

Phoneline (HomePNA)

Ubiquity of phone jacks

CONS

Reliability is a challenge
Prone to interference
Unlicensed band

Performance not on par with MoCA
Prone to high interference
Low outlet coverage performance

Reliant on coaxial outlet penetration

Performance can not match MoCA
Does not work in cable modem environment
No endorsement by US satellite providers
Niche market (telco only)
Technology deadends. No HPNA 4.0

Call 1.877.746.7261 or
Email sales@channelmaster.com
for more information

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www.channelmaster.com