



COLOR : WHITE

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 1.0$

# HomePlug 50M Turbo featureDescription

HomePlug Turbo compliant

Up to 50Mbps data rate on the PowerLine

Effect Data Rate Up to 25Mbps Effective Throughput

10/100M Fast Ethernet Interface Connection

Plug and Play

Peer to Peer Networking

56-bit Data Encryption Security

Supports QAM 256/64/16, DQPSK, DBPSK and ROBO modulation

(QAM 256 for EP-5213)

Integrated Quality of Service (QoS)

Standard	IEEE 802.3, IEEE 802.3u and HomePlug Turbo
Protocols	Powerline : CSMA/CA Ethernet : CSMA/CD
Media Interface	1 * 10/100M RJ-45 port
Speed	Up to 50Mbps
Effect Data rate	Up to 20Mbps effective throughput
Frequency Band	4.21~23 MHz
Access Methods	CSMA/CA
QoS	4 levels
Encryption	56-bit Data Encryption with key management
Modulation Type	QAM 256/64/16, DQPSK, DBPSK and ROBO modulation
Nodes	Supports up to 15 nodes per network
Operating System	Microsoft Windows 98 SE/ME/NT/2000/XP, MAC, Linux
LED Indicator	Green (1): Powerline link Green (2) : Ethernet link Yellow : Powerline activity
Transmission Range	470 meters
Environmental	Operating: 0°C ~ 70°C
Temperature	Storage: -20°C ~ 70°C
Operating Humidity	Operating: 0 ~ 40%, Non-Condensing Storage: 5%~90%, Non-Condensing
Power Source	90VAC ~260VAC 50/60Hz
Plug type	US Plug

						<b>Atech®</b> Atech Technology Co., Ltd. TEL:0212794-6667 FAX:0212794-8004	TITLE <b>Conxant</b> <b>HOMEPLUG</b>
							DWG. NO. <b>NT-HP50C</b>
A	CHANGE CASE	08/16/2006	PAIR	JOHNSON	EUGENE		
	RELEASE	07/25/2006	PAIR	JOHNSON	EUGENE	UNITS: M/M	SAFETY
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	SHEET 1 OF 1
REVISIONS						07/25/06	DRAW <i>Pair</i>