



HomePlug 85M Turbo featureDescription

HomePlug Turbo compliant

Up to 85Mbps 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 85Mbps
Effect Data rate	Up to 40Mbps effective throughput
Frequency Band	4.3~20.9 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	350 meters
Environmental Temperature	Operating: 0°C ~ 70°C 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	Euro Plug

COLOR : TRANSPARENT BLUE

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±1.0

						Atech® Atech Technology Co., Ltd. TEL:0212794-6667 FAX:0212794-8004	TITLE HOMEPLUG	
							DWG. NO. 00-PL088-EU2	
	RELEASE	03/20/2007	PAIR	JOHNSON	EUGENE	UNITS: M/M	SAFETY	SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW <i>Pair</i>
REVISIONS						03/20/07		