





COLOR : WHITE

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±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)

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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						

						Atech Technology Co., Ltd.		TITLE Conceant HOMEPLUG DWG, NO. MJHP—A50	
	RELEASE	11/01 /2006	PAIR	JEHNSE	NEUGENE	UNITS: M/M	SAFETY		SHEET 10F 1
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