

OPERATIONAL DESCRIPTION

The Fujitsu PC Corp. Model FPCWL02 (EUT) is a free standing wireless communication device and a 56K Modem combined.

The EUT consist of radio design and chips from Cambridge Technologies. The EUT has a build-in antenna within the unit.

EUT provide convenient wireless connections and share one phone line without adding individual phone lines to each workstations.

The radio is design in accordance with BlueTooth™ standard.

The EUT, contains the following blocks:

- 1) 56kbps modem to connected to public telephone service,
- 2) Digital signal processor takes care of all modulation/demodulation for Frequency Hopping Spread Spectrum.

TECHNICAL SPECIFICATION

Interface	LINE (modem) terminal Incorporated into the Modem Station.
Data	56kbps (V.90- and K56flex-compatible)
FAX	14.4 kbps
Modular Jack	RJ-11
TEL terminal Modular Jack	RJ-11
Serial connection	RS-232C D-sub 9-pin (Not currently used; provided for future applications)
Power Requirements	Input 12VDC (AC adapter, Input 100VAC, 50Hz/60Hz)
Power Consumption	Approximately 5W or less during communication. Approximately 4W or less during non-communication and power-on sequence. Approximately 3.5W or less during power-off sequence.
Communication System	Bluetooth Specification Ver. 1.0B
Transmission Rate	Approximately 720 kbps during asymmetric-type communications Approximately 430 kbps during symmetric-type communications
Communication Distance	Approximately 160 feet (50m) depending upon the wave state and operating environment
Output	6.7dBm (maximum), Power Class 1. (The efficiency of the antenna is not contained here).
Outer dimensions (W x D x H)	Approximately 134mm x 32 mm x 110mm

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Prepared for Fujitsu PC Corp.

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H)	
Weight	300g (Approximately)
Operating environment	Temperature: 5°C to 35°C Humidity: 30% to 80%RH (non-condensing)
Operating Systems	Windows Me, Windows 2000 and Windows 98

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