

Modem card Model No:FM300

3J-CHAP-187 Fax/Data Voice Modem Technical Specification & Features

** General Description

- .14400bps send and receive fax modem with automatic fallback to 12000,9600,7200,4800 and 2400bps.
- .33600bps data modem with automatic fallback.
- .MNP class 2-4 error correction.
- .ITU-T recommended V.42 error correction.
- .MNP 5 data compression.
- .ITU-T V.42bis data compression.
- .Group 3 send and receive facsimile.
- .Voice mode allows a DTE to record and playback voice.
- .Enhanced ADPCM coding and decoding to support efficient digital storage.
- .Automode detection allows the modem to connect with a modem that is configured for differing connection modes.
- .Extended AT command set.
- .Support fax service Class 1 commands.
- .Full-duplex speakerphone.(FDSP)
- .Telephone Answer Machine.(TAM)
- .Built-in DTE interface with speed up to 115.2kbps or 57.6kbps.
- .RS232 interface

** Compatibility

- .ITU-V.90 --56000bps
- .ITU-T V.34bis --33600bps
- .ITU-T V.34 --28800,26400,24000,21600,19200,16800,14400,12000,9600,7200,4800,2400bps
- .ITU-T V.32bis --14400bps
- .ITU-T V.32 --9600bps
- .ITU-T V.17 --14400bps/12000bps
- .ITU-T V.29 --9600bps/7200bps

ITU-T V.27ter --4800bps/2400bps
ITU-T V.22bis --24000bps
ITU-T V.23 --1200bps/75bps
ITU-T V.22 --12000bps
ITU-T V.21 --300bps
BELL 212A --1200bps
BELL 103 --300bps

**** Fax mode:**

Fax modem send and receive rate up to 14400bps, V.17, V.27ter and V.21 channel 2.

**** Speakerphone:**

The Speakerphone model the host can separately control volume, muting, and AGC in microphone and speaker channels. The speakerphone automatically recalculates loop control parameters to maintain duplexity and stability.

**** Dialing Type:** Tone or Pulse dialing.

**** Audio Monitor:** Programmable speaker volume control.

**** Flow Control:** XON/XOFF or RTS/CTS

**** Error Correction:** MNP 2-4 and CCITT ITU-T V.42.

**** Data Compression:** MNP 5 and ITU-T V.42bis

**** Telephone Line Interface:** RJ-11 phone jacks for line and phone.

**** Receive Sensitivity:** -39dBm

**** Transmit Sensitivity:** -12dBm

**** DTMF SIGNAL LEVEL (dBm):** Hl. G = -8+/-2 dBm
Lo. G = -10+/-2 dBm

**** M/B RATIO:** 20pulse per second
Make period: 39+/-3% or 33+/-3%

**** 工作電流:** ACTIVE MODE 130mA
SLEEPING MODE 30mA