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AppleFax Modem: Specifications (Discontinued) (8/94)

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TOPIC -----

This article provides specifications on the AppleFax Modem.

DISCUSSION -----

- General

- Microprocessor - 65C112
- Timing - 1.8432 MHz
- ROM - 32k x 8
- RAM - 8k x 8
- Modem Type - R96 Fax compatible chip set
- Modulation
 - Quadrature Amplitude Modulation (QAM)
 - Frequency Shift Key (FSK)
 - Amplitude Modulation (AM)
 - Single SideBand (SSB)
- Receiver Level - -10 to -40 dBm
- Transmit Level - -10 dBm, fixed per FCC part 98

Signaling and Data Rates

- 2400 baud 9600, 7200, 4800 bps
- 1600 baud 4800 bps
- 1200 baud 2400 bps

Carrier Frequencies

- T.3 2100 Hz
- V.27 ter 1800 Hz
- V.29 1700 Hz

- Data Format
 - Asynchronous
 - Group 3 protocol supported
 - Character length: 7 or 8 data bits / 1 or 2 stop bits
 - Parity: odd, even, or none
 - Half Duplex

- Environmental

Operating Temp. - +10 to +40C (50F to 104F)
Storage Range - -40 to +47C (-40F to 117F)
Transit Range - -40 to +65C (-40F to 149F)
Humidity Range - 20% to 95% RH (non-condensing)
Maximum BTUs - 34.2

- Physical

Depth - 7 7/8 in. (20.0 cm)
Width - 4 3/4 in. (12.0 cm)
Height - 2.0 in. (5.0 cm)
Weight - 1.5 lbs (.91 kg - excluding power supply)

- Power Requirements

AC Input - 120VAC +/-10%, 60Hz
(U.S. & Canada)
AC Input - 100VAC +/-10%, 50/60Hz
(Japan)
Consumption - 10 watts maximum

- Interface

Connector - mini-circular, 8-pin

- Operating Modes

- Auto or manual dial
- Auto or manual answer

- Receiver Sensitivity

-10 to -40 dBm

- Transmitter Level

-10 dBm, fixed per FCC Part 68

- Line Monitoring

- Audible (volume is adjustable)
- Visual (status messages printed on computer screen)

- Connectors

- Two RJ-11 modular telephone jacks (one for phone fine cable, one for optional telephone)
- Two mini-circular 8-pin jacks (data cable and pass-through device)

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Support Information Services

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