



PCFW-104

The PCFW-104 module, manufactured by MicroBee Systems, incorporates the FreeWave M-series long range data radio. Designed for compact embedded systems requiring long range data transmission, this PC/104 module is ideal for UAV control, remote process monitoring, vehicle and aircraft tracking.

FOR PRICING AND MORE INFORMATION, PLEASE CONTACT US.

FEATURES

-3.6W x 3.8L x 0.6H inches

-100% compatible with F Series 900 MHz FreeWave radios

-Available with the P Series 1.3 GHz Military Data Radio

-Full 16 bit bus address decoding

-External or on-board setup

-Address ranges from 0x000 to 7FF

-Interrupt levels 3, 4, 5, 7, 10, 11, 14, 15

-Tested with DOS, WIN32, Linux, QNX and Windows CENET

-Native support requires no additional drivers

-Fully NS16C550 UART compliant

-Repeater and simultaneous Slave and Repeater function
all in a single radio

Long range

60+ mile line of sight range

Error free communications

32 bit CRC with automatic retransmission

Low power consumption

Less than 60 mA in full time receive, 5 mA in sleep at 12 volts

Noise Immunity

Superior performance in noise congested environments

Secure

Proprietary spread spectrum technology prevents detection and unauthorized access

High speed

115.2 Kbps true throughput



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