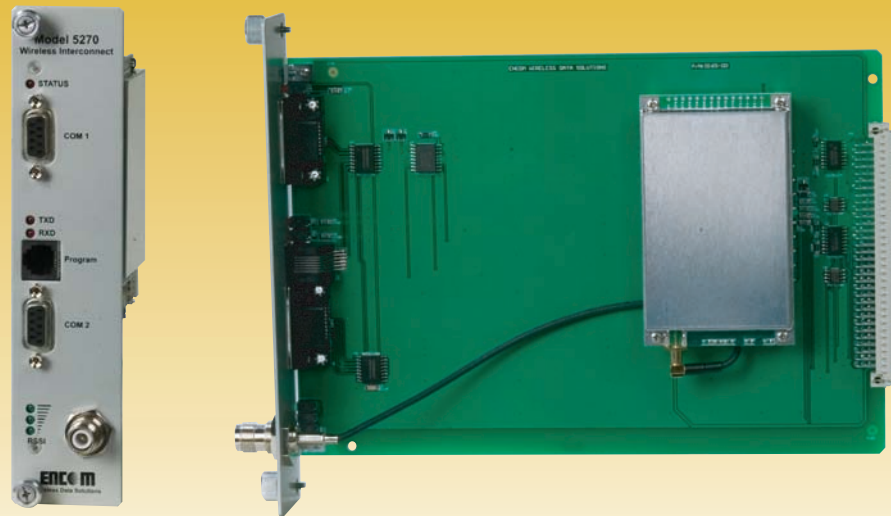


SERIAL | WIRELESS INTERCONNECT 5270



MODEL 5270 – PLUGGABLE MODEM CARD TRANSCEIVER



MODEL 5270 – PLUGGABLE MODEM CARD TRANSCEIVER DELIVERS

The Model 5270 is the industry leading Wireless Modem Card for 2070 Controllers. The 5270 provides fast, secure and reliable transfer of serial data, plugs directly into the 7A-RS232 communication module in a 2070 Controller cabinet and is compatible with all existing 2070 Controllers. Each unit has a standard RS-232 serial port and may be used as a Master, Remote or Repeater. The ENCOM 5270 provides maximum flexibility for Wireless Interconnect with convenience and ease of use.

Efficient ENCOM radios, flexible connectivity plus powerful, user-friendly ControlPAK software add up to a true "plug and play" Wireless Modem Card for 2070 Controllers.

With ENCOM™, Wireless is Simple!

FEATURES

- Plugs into 7A-RS232 Communication Module in a 2070 Controller Cabinet
- No Extra Room Required Inside Controller Cabinet
- No External Power Supply Required
- Compatible with all ENCOM 5000 Series products
- License-Free, Frequency-Hopping Spread Spectrum Technology
- Up to 115kbps Sustained Data Throughput
- End-to-end Delays of less than 8 milliseconds
- Up to 20 Mile Range (with L.O.S.)
- Store and Forward Repeater Standard
- Full Duplex Capability
- Transparent Operation with Asynchronous Traffic Applications
- High Performance Receiver
- Built-in Setup and Diagnostics Capabilities
- Variable Output Power Capability – Maximum 1 Watt
- Completely Configurable with Windows™ Based ControlPAK™ Software (included)



SERIAL WIRELESS INTERCONNECT 5270

SPECIFICATIONS

RADIO SPECIFICATIONS

TECHNOLOGY:

FREQUENCY RANGE:

OUTPUT POWER:

SOFTWARE PROGRAMMABLE:

AVAILABLE HOP PATTERNS:

NUMBER OF RF CHANNELS:

RF CHANNEL SPACING:

ERROR CHECKING:

ERROR CORRECTION:

ENCRYPTION:

RECEIVER SENSITIVITY / BER:

SYSTEM GAIN:

ANTENNA PORT:

CERTIFICATION:

OPERATING MODES:

SYSTEM CONFIGURATIONS:

900MHZ

FREQUENCY HOPPING SPREAD SPECTRUM
TECHNOLOGY (FHSS)

902-928 MHz

1mW, 10mW, 100mW, 1000mW

YES

62

139

200KHz

16 BIT-CRC

FORWARD ERROR CORRECTION

32 BIT

-110 DBM @10-6 BER

152 DBM

RP TNC-F

FCC, INDUSTRY CANADA

TRANSCEIVER

POINT TO POINT, POINT TO MULTIPOINT,
MULTIPOINT TO POINT, MULTIPOINT TO MULTIPOINT.

2.4GHZ

FREQUENCY HOPPING SPREAD SPECTRUM
TECHNOLOGY (FHSS)

2.400-2.4835 GHz

10, 50, 100, 250, 500, 750, 1000mW

YES

44

202

400KHz

16 BIT-CRC

FORWARD ERROR CORRECTION

32 BIT

-110 DBM @10-6 BER

152 DBM

RP TNC-F

FCC, INDUSTRY CANADA

TRANSCEIVER

POINT TO POINT, POINT TO MULTIPOINT,
MULTIPOINT TO POINT, MULTIPOINT TO MULTIPOINT.

GENERAL SPECIFICATIONS

INPUT POWER:

POWER CONSUMPTION:

OPERATING ENVIRONMENT:

HUMIDITY:

OVERALL DIMENSIONS:

MEMORY:

WEIGHT:

CONNECTOR:

900MHZ

FROM MODEM SLOT IN CONTROLLER

+12 VDC, 500MA MAXIMUM, -12 VDC, OMA

-40°C TO +80°C (-40°F TO 176°F)

0-95% NON-CONDENSING

1.6"W X 6.9"H X 8.3"D

NON-VOLATILE CONFIGURATION MEMORY

8 OZ

96 PIN DIN MALE CONNECTOR

2.4GHZ

FROM MODEM SLOT IN CONTROLLER

+12 VDC, 500MA MAXIMUM, -12 VDC, OMA

-40°C TO +80°C (-40°F TO 176°F)

0-95% NON-CONDENSING

1.6"W X 6.9"H X 8.3"D

NON-VOLATILE CONFIGURATION MEMORY

8 OZ

96 PIN DIN MALE CONNECTOR

SOFTWARE SPECIFICATIONS

RADIO CONFIGURATION:

SPECTRUM ANALYZER:

REMOTE DIAGNOSTICS & CONFIGURATION

900MHZ

YES

YES

YES

2.4GHZ

YES

YES

YES

INTERFACE SPECIFICATIONS

DATA INTERFACE:

DATA RATE:

DATA FORMAT:

900MHZ

RS232 ASYNCHRONOUS

1.2 TO 115.2 KBPS

NONE, ODD OR EVEN PARITY, 7 OR 8 DATA BITS

2.4GHZ

RS232 ASYNCHRONOUS

1.2 TO 115.2 KBPS

NONE, ODD OR EVEN PARITY, 7 OR 8 DATA BITS

INDICATORS

STATUS, TX DATA, RX DATA

RSSI:

900MHZ

YES

YES

2.4GHZ

YES

YES



**ENCOR reserves the right to make changes to specifications of products described in this data sheet at any time without notice.

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