

ALL in ONE DATA LINK SOLUTION



Rx/Tx Modem



IN-SNEC

This transmission / reception modem is a digital to analog converter to obtain serial data link compatible with a data link; then to carry out a bidirectional asynchronous link.

For transmission : compatible with the video multiplexer /

TM ref SM 517 878

Its compactness, its lightweight and its robustness make it ideal for integration as well in fixed systems as in vehicles with little available space and harsh environment like target drone, unmanned vehicle, light aircraft, terrestrial vehicles,...

Applications

- Telemetry from aircraft, ground vehicles or fixed systems
- Video link or data transmission

Main features & benefits

- High ruggedness
- Excellent RF shield
- Wide temperature range
- Low dimensions
- Low weight
- Low consumption

Rx/Tx Modem

Electrical specifications

- ◆ Modulation FSK
(2 tones 40 & 80 kHz)
- ◆ Serial link RS232 or RS422
configurable on
factory
- ◆ Max bit rate 38.4 kb/s
asynchrone

Mechanical characteristics

- ◆ Dimensions 3.54 x 3.34 x 0.98 "
(90 x 85 x 25 mm)
- ◆ Weight 0.44 lb (200 g)
- ◆ Vibrations 20HZ to 20000Hz
3g eff

Environmental conditions

Operating conditions

- ◆ Temperature range -20°C to +65 °C
- ◆ Relative humidity 35% to 95%
non condensing

Non operating conditions

- ◆ Temperature range -40°C to +80 °C
- ◆ Relative humidity 35% to 95%
non condensing

Primary power

- ◆ Voltage +18VDC to +32VDC
- ◆ Power consumption ≤ 200mA

Ordering information

■ Model reference

Demodulator

SM517877



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AS/EN 9100/n°1533386
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