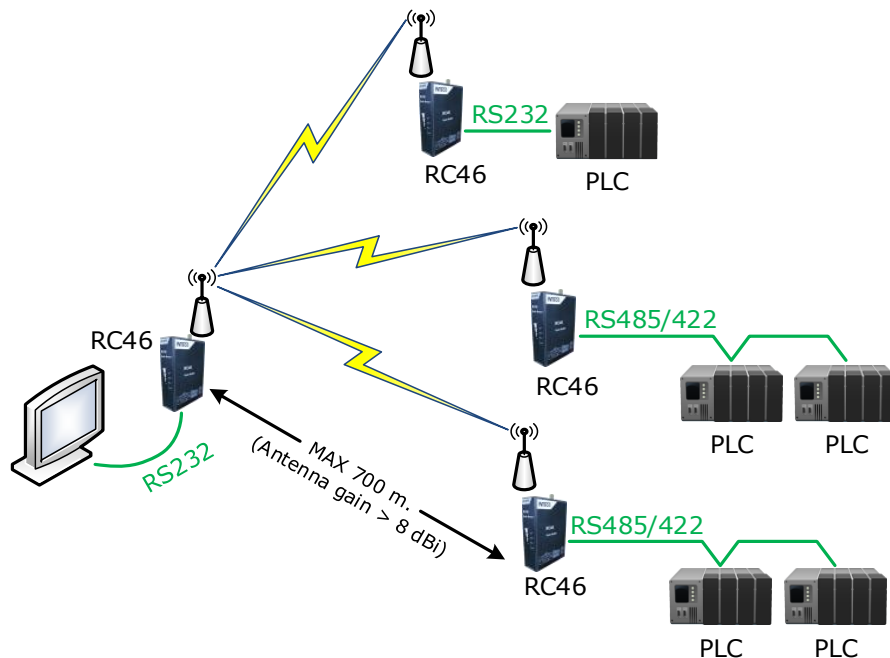


Radio Modem RC46



- Long Distance 700 m.
- No Wiring (RF Link)
- Easy to install

Radio Modem RC46 It is a wireless system designed to replace wired RS232 and RS485/422 systems, eliminating wiring complexities and simplifying installation.



Specifications

Wireless Interface

RF Standard: 802.15.4

Frequency Band: 2.4 GHz

Max. RF Data Rate: 625 Kbps

Rx sensitivity: -108 dBm

Tx Power: +10 dBm (Max)

Transmission Distance:

Up to 90 m. Indoor/Urban

Up to 700 m. Outdoor RF line-of-sight
(With Antenna gain > 8 dBi)

Antenna Connector:

RP-SMA Jack/Female

RF Channel: 16 channels

Network Topology: Point-to-Point or
Point-to-Multipoint

Serial Interface

Serial Standards:

RS-232 Connector DB9 male

RS-485/422 (Isolated) 5 pin Terminal Block

Loading: RS-485/422 Max 32 Unit

Distance:

RS-232 length 15 m.

RS-485/422 length 1 Km.

Ordering Information:

Example RC46

Package Checklist

1. RC46
2. RS232 Cable

Serial Parameter

Baud Rate: 4800, 9600, 19200, 38400,
57600, 115200

Data Bits: 7, 8

Stop Bit: 1, 2

Parity: None, Odd, Even

Power Requirements

Power Supply: 12 to 24 VDC

Power Consumption

Standby: 120 μ A @ 12 VDC

Operate: 130 μ A @ 12 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W30 x H122 x D98 mm.

Mounting: DIN Rail

Warranty

Warranty Period: 5 Year