



INDUSTRIES

- All Industries



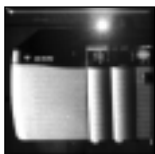
APPLICATIONS

- On site cable-free SCADA.
- Site-to-site data communications.
- Data communications to moving plant.
- Quick deployment and temporary monitoring and control.



CONNECTIVITY

- Hart
- Serial/DFI
- Modbus



PLATFORMS

- General

Product Description:

RDT radio modems provide a secure radio data network used for a variety of data transfer applications, including process monitoring and control. The use of radio for such tasks can permit a more cost effective and flexible solution than with cabled methods.

Combining the flexibility of radio data transfer with Allen-Bradley programmable controllers permits the construction of a system with intelligence distributed to plant level, without depending upon cables.

Any Allen Bradley product capable of communicating using DF1 or MODBUS protocol via the RS232/485 serial communications port may be used across the radio link. This includes communications between PLC's and PC's running SCADA software applications, such as A-B6200 and A-B control view.

The standard radio modem unit required at all location is,

Part Number: RM1200/xx(1) or Part Number: RM9600/xxx(1), (1) Denotes operating frequency.

This is an OEM card module which is also available in a range of enclosures. Please refer to the appropriate data sheet for further details.

The radio modems incorporate synthesised UHF transceivers approved to ETSI300-220 and ETSI300-113 as well as numerous national approvals. In many countries this means that no operation licence is required.

Configuration is via on-board switches on the radio modem allowing a band of up to 64 radio channels to be selected. The serial interface baud rates, parity and character lengths are also user selectable.

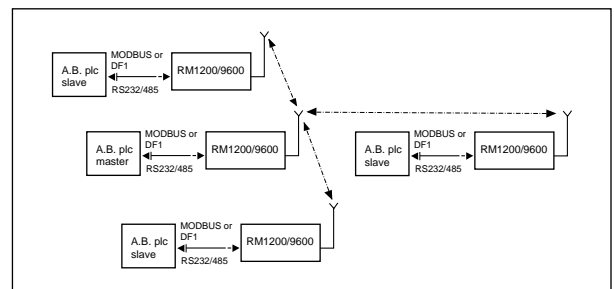
Features:

- Multi-Channel Synthesised Transceiver.
- Duplicates standard multidrop operation.
- RS232 and 485 ports.
- Forward Error Correction.
- Up to 20Km range point to point.
- Simple programming, commissioning and diagnostic features.

Specifications:

- 406 - 470MHz operating frequency.
- 10, 12.5, 20 and 25Khz Channel spacing.
- Output power selectable up to 500mW.
- Up to 16Kbaud over air data rate.
- Selectable interface baud rates up to 19.2K
- Mains or 12Vdc powered options.
- Selectable software options include Repeater, Automatic Re-try and A.T. Commands.
- Numerous packaging options.

Connectivity Diagram



Company Representation:

Belgium - Finland - Greece - Hungary - Italy - Netherlands -
Norway - South Africa - Switzerland - United Kingdom

Internet: <http://www.radiodata.co.uk>

