

2.1033 (b) 4 Brief Description:

The attached is a brief description of the radio module used in this equipment.

TRANSMITTERS

AM-RT4-xxx AM Transmitter Modules AM-RT5-xxx

FEATURES

- COMPLETE RF TRANSMITTER
- TRANSMIT RANGE UP TO 70m
- CMOS/TTL INPUT
- AVAILABLE IN DIL OR SIL PACKAGE
- NO ADJUSTABLE COMPONENTS
- VERY STABLE OPERATING FREQUENCY
- LOW CURRENT CONSUMPTION (TYP 4mA)
- LOW SPURIOUS EMISSIONS (-35dBc)
- WIDE OPERATING VOLTAGE (2-14V)
- AVAILABLE AS 418 MHz OR 433 MHz
- COMPATIBLE WITH AM-HRR1, AM-HRR3/6 AND THE AM-RSS2 AM RECEIVER MODULES

APPLICATIONS

- WIRELESS SECURITY SYSTEMS
- CAR ALARMS
- REMOTE GATE CONTROLS
- REMOTE SENSING
- DATA CAPTURE
- SENSOR REPORTING

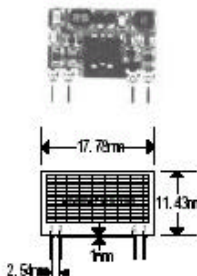
DESCRIPTION

Differing in package style, AM-RT4 and AM-RT5 AM hybrid transmitter modules provide complete RF transmitters which can be used to transmit data at up to 4 kHz from any standard CMOS/ TTL source.

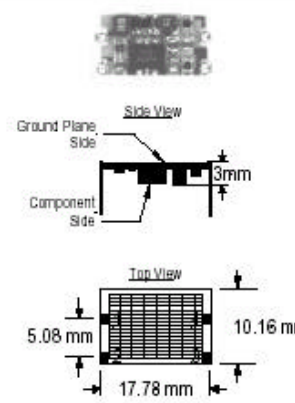
The modules are very simple to integrate into a design and offer low current consumption (typ. 4 mA). Data can be supplied directly from a microprocessor or data encoding device to the data input of the modules. The modules exhibit extremely stable electronic characteristics due to the use of 'Thick-Film' hybrid technology. They use no adjustable components resulting very reliable operation.

The AM-RT4 and AM-RT5 modules are compatible with all ABACOM Technologies' range of AM receivers to complete the RF data link.

AM-TX5



AM-TX4



RT4 Pin	RT5 Pin	DESCRIPTION
1	1	Vcc Supply
2	2	Ground, RF Ground
3	6	Data IN
4	7	External Antenna