

# DICOM® RF2305 Manpack radio

The RF2305 is a manpack radio for communication at tactical command level. Manpack set is based on the RF23 handheld radio.

Compared to the handheld radio, the range of the manpack is increased by improving the antenna and antenna counterweight. The counterpoise consists of a conductive chassis with an antenna connector sewn into the bag, which also serves as a mechanical fixture designated for the whip antenna. The bag features main compartment and two side pockets for individual components of the set.

- increases the range up to 15 km
- maintains the complete RF23 radio functionality
- wide range of RF23 accessories supported
- easy to operate and handle



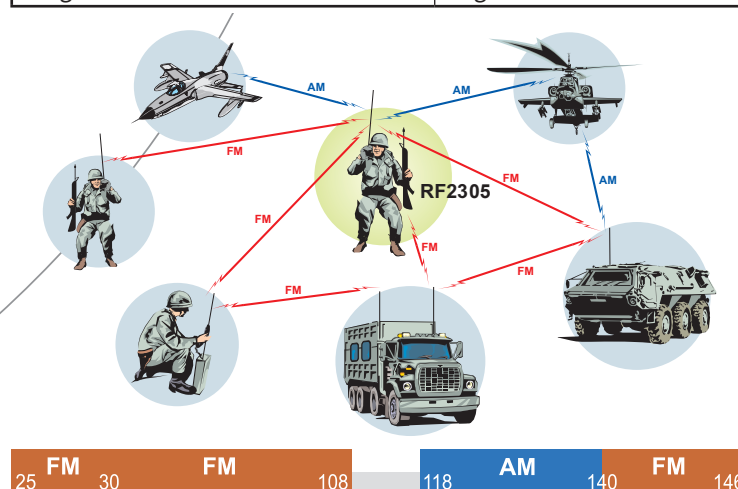
## RF2305 set

- bag with a conductive plate and the antenna connector
- RF23 radio
- 2.45 m antenna
- battery
- handset with control
- set of connecting cables

- Range of up to 15 km
- Voice & data encryption
- Frequency hopping
- AES based TRANSEC/COMSEC
- IP data
- Position reporting system
- Repeater supported

## Technical parameters

Frequency range	25 MHz to 146 MHz
Modulation type	FM, AM
Transmission power	up to 5 W (1 W AM)
Battery life (1 : 1 : 10)	up to 26 hours
Environmental parameters and dimensions	
Temperature range	-30 °C to +60 °C
Immersion	1 m
Environmental specification	according to MIL-STD-810E
EMC	according to MIL-STD-461E
Dimensions [w x h x d]	400 mm x 300 mm x 155 mm
Weight	4 kg



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