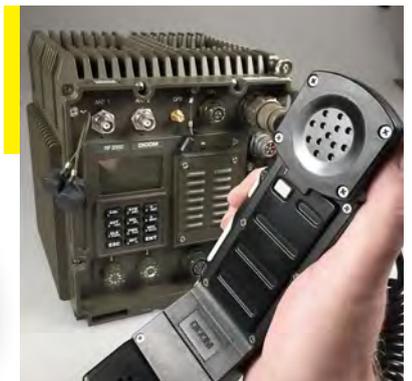


DICOM® RF2350

EPM mobile transceiver

- Voice & data encryption
- Frequency hopping
- AES based TRANSEC/COMSEC
- IP data
- GPS position reporting system (PLI)
- Short text messages service (SMS)
- Repeater supported
- Co-Site filter



The RF2350 multiband mobile transceiver designed for installation in all tracked and wheeled vehicles and base stations, features superior resistance against radio-electronic warfare.

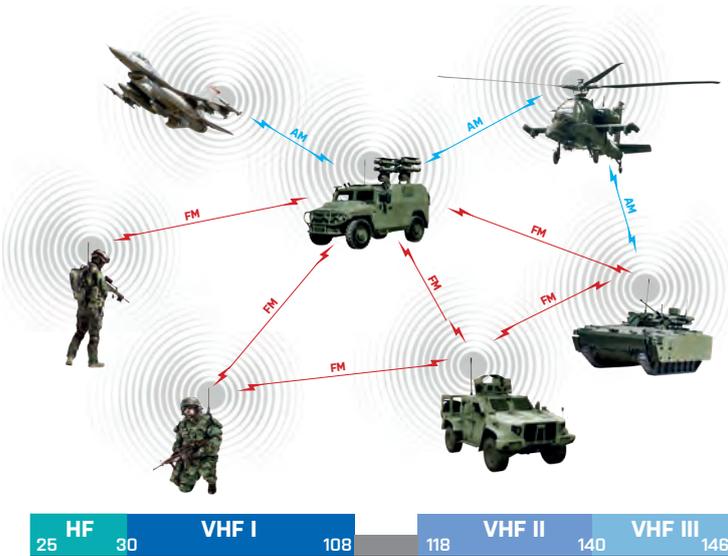
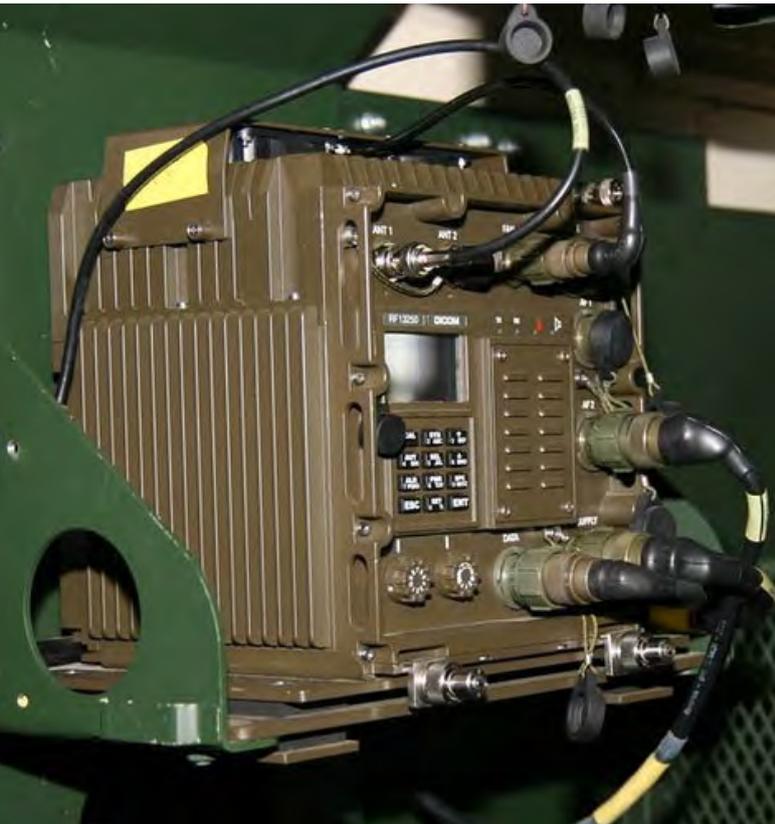
This device forms part of the RF20 tactical radio range and communicates with various analogue and digital waveforms, including frequency hopping. Secure voice and data communication is encrypted using the AES algorithm, with an effective key length of 384 bits. AM modulation enables direct communication with aircraft radios. Data communication conforms to MIL-STD-188-220, providing IP data capability in MANET network architecture. Position location is also supported. Information (PLI), auto-collected by the in-built G-Track position reporting system, can be effortlessly transferred to BMS or other C2/C4 applications.

Very compact form factor and lightweight design allows easy upgrade of existing vehicle/base installations.



Technical parameters:

Frequency range	25 to 146 MHz	
Modulation type	FM, AM	
Channel spacing	25 / 12.5 / 8.33 / 6.25 kHz	
Transmission power:	FM	5/50 W
	AM	2/15 W
Supply voltage range	10 V to 33 V (acc. to MIL-STD-1275B)	
Current consumption:	Transmission - nominal output power	at 12 V max. 25 A
		at 24 V max. 12 A
	Reception	max. 1.25 A (12 V)
Data capabilities:	MANET	acc. MIL-STD-188-220 6 hops auto-relay SLIP / PPP
	P2P	2.4 - 7.1 kbit/s
	Synchronous data	16 kbit/s
Environmental parameters and dimensions:		
Temperature range	-40 to +70 °C	
Environmental specification	according to MIL-STD-810E	
EMC	according to MIL-STD-461E	
Dimensions	202 x 210 x 186 mm [w x h x d]	
Weight	max. 9 kg	



550-10/23/EN



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