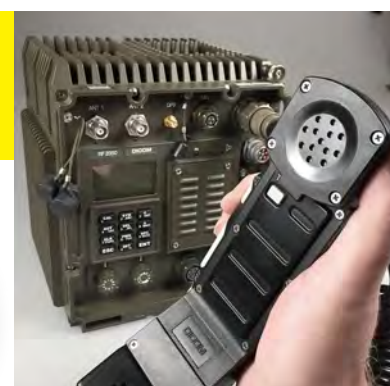


DICOM® RF2350 EPM mobile transceiver

- 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



RF2350 mobile multiband transceiver with increased resistance against radio-electronic warfare intended for installation in all tracked and wheeled vehicles and base stations is part of the RF20 tactical radios family.

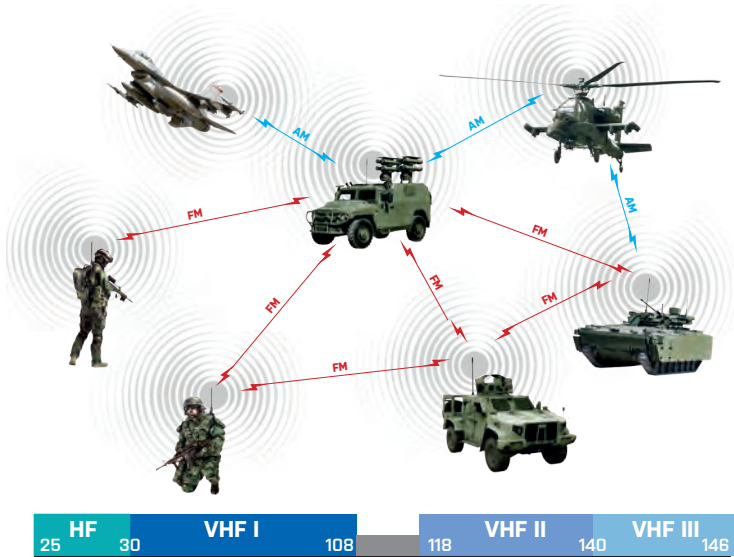
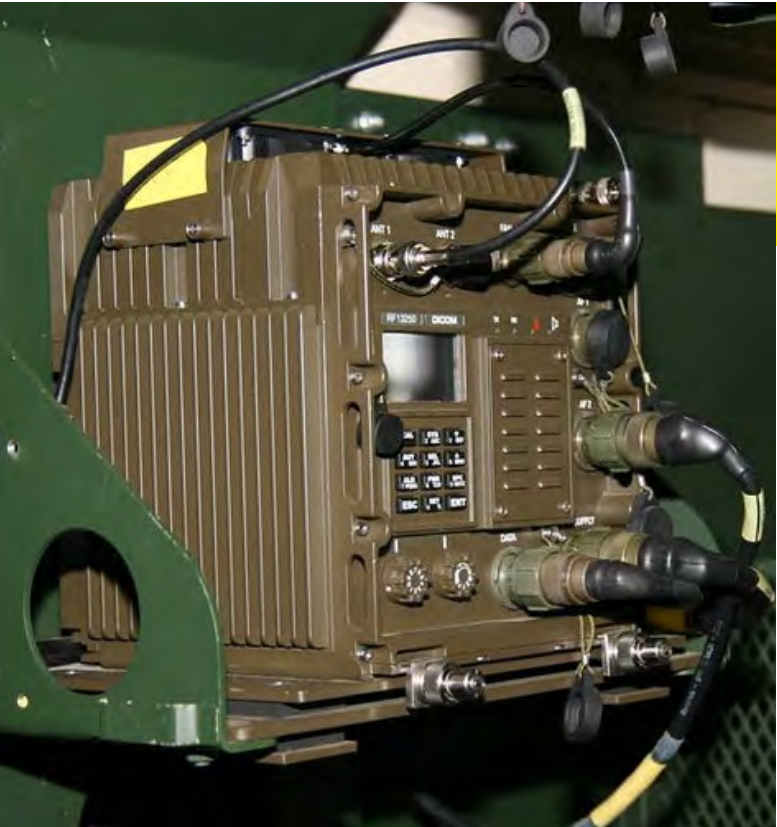
The radio communicates in several analog and digital waveforms, including frequency hopping. Secure voice and data communication is encrypted with AES algorithm with effective key length of 384 bits. AM modulation allows for direct communication with aircraft radios. Data communication complies with MIL-STD-188-220, providing IP data capability in MANET network structure. Position Location Information (PLI), automatically collected from the built-in G-Track position reporting system, can be easily transferred to BMS or other C2/C4 application.

Very compact form factor and lightweight design allows for easy upgrading 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
Transmis- sion power:	FM	5/50 W	
	AM	2/15 W	
Supply voltage range			10 V to 33 V (acc. to MIL-STD-1275B)
Current consump- tion:	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



MESIT asd, s.r.o.
Sokolovská 573, Mařatice
686 01 Uherské Hradiště
Czech Republic
asd@mesit.cz
T +420 572 522 200

Sales Department
defence@mesit.cz
T +420 572 522 603
F +420 572 522 806
www.mesit.cz

ID: 60709235
VAT No: CZ60709235
Brno Commercial register - C 15427
All data are subject to change.
This is not an offer for a contract.

