RF2350 - EPM mobile transceiver set

Type designation: **RF2350**
PN (RN): **2310.000.43**

Set consists of RF2350 EPM mobile transceiver (with co-site filter) and accessories.

RF2350 mobile multiband transceiver with increased resistance against radio-electronic warfare is intended for installation in all tracked and wheeled vehicles and base stations. It is fully compatible with F20, RF23 and RF2050 in simplex and semi-duplex frequency hopping channel. Depending on the selected frequency band, the transceiver communicates with older RF13 radio system transceivers and with other transceivers complying with STANAG 4204. The transceiver secures data communication in fixed frequency channels according to MIL-STD-188-220 standard (NET modem). Two types of modem can be used for data transmission in frequency hopping channels - P2P and NET. RF2350 transceiver includes a navigation receiver displaying navigation data on a display and transmitting the GPS data via frequency hopping radio channel using G-track service. The transceiver features one U-229/U audio frequency connector (complying with MIL-DTL-55116 standard) to connect standard headsets. Various acoustic devices such as SONETRONICS, CJ COMPONENT PRODUCTS, POWER TIME etc. can be connected to the connector.

The co-site filter allows simultaneous operation of multiple RF2350 transceivers or of one RF2350 transceiver with RF2050 transceiver in one vehicle in 30 MHz to 90 MHz operating band. There must be at least 1.5 m between the recommended types of vehicle antennas and spacing between receiving and transmitting frequencies of at least 10 %. The co-site filter must be used with all transceivers to guarantee compatible operation.

For more details on RF2350 mobile transceiver and other set components see relevant pages of this website.

Documentation

RF2350 operating instructions	2310.010.42
RF2350 short operating instructions	2310.011.42

Components

Type designation	PN (RN)	Name

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RF2350	2310.100.41	EPM mobile transceiver
	7007.100.14	Mobile set frame
RF13.3	2022.100.52	Handset
	2026.700.01	Handset holder
	1050.126.02	Power supply cable 3 m
	1050.993.01	Grounding
	2025.500.51	CD for modem configuration

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