ZV13.1 - Power amplifier 50 W (P2P)

Type designation: **ZV13.1**

PN (RN): **2011.100.54**

RF power amplifier for RF13 transceivers. ZV13.1 amplifier includes a high speed data modem with GMSK modulation and 16 kbit/s data bit rate in RF channel. This modem is fully compatible with MD13.1 radio modem and it can be configured in two SW versions: network (Net) or direct line (P2P). The amplifier is installed with the RF13 transceiver and together they form the mobile set. The unit is installed in a mounting frame.

Technical parameters

Power supply voltage	27 V
Power supply voltage range	18 V to 33 V
RF output power	50 W/50 Ω
AF output power	1 W/6 Ω
Frequency range	30 MHz to 88 MHz
Nominal output impedance	50 Ω
Interface	RS232C
Data transmission rate	16 kbit/s
Operating time	in the mode of continuous transmission at the normal conditions unlimited, at the temperature +50 °C 30 minutes
Operating temperature range	-30 °C to +60 °C
Dimensions	W 184 mm x H 128 mm x D 175 mm
Weight	max. 3.9 kg

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