

## ZV13.1 - Power amplifier 50 W (Net)



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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. Identical modem as in ZM13.1 amplifier is used. 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 $\Omega$
AF output power	1 W/6 $\Omega$
Frequency range	30 MHz to 88 MHz
Nominal output impedance	50 $\Omega$
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