

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

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|------------------------------------|---|
| 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 |