

# DR13/DR13.2 - Retransmission kit

Type designation: **DR13/DR13.2**

PN (RN): **2015.100.03**

DR13/DR13.2 retransmission kit is an accessory of RF13 transceiver. It features retransmission of clear voice communication.

Retransmission of simplex or semiduplex voice communication is controlled by automatic monitoring of signals from terminal transceivers for presence of 150 Hz pilot tone.

## Operating features

- transmission of clear voice communication between RF13 transceiver with active 150 Hz tone squelch
- transmission of 1000 Hz tone calling between terminal transceivers
- simplex or semiduplex retransmission
- repeater simplex communication

## Technical parameters

|                                                |                                      |
|------------------------------------------------|--------------------------------------|
| <b>Nominal supply voltage</b>                  | 12 V, power supplied from RF13       |
| <b>Maximal current consumption from RF13</b>   | 70 mA                                |
| <b>Audio bandwidth</b>                         | 300 – 3400 Hz                        |
| <b>Automatic retransmission</b>                | 150 Hz detection from receiving RF13 |
| <b>Length of interconnection cable to RF13</b> | 1 m ± 0.1 m                          |
| <b>Operating temperature range</b>             | -30°C až + 70°C                      |
| <b>Storage temperature range</b>               | -40°C až + 70°C                      |
| <b>Mechanical and climatic resistance</b>      | MIL-STD-810E                         |