

Preliminary

DJ-G29 Specifications

- Frequency range : TX : 222.000~224.995MHz, 902.000~927.995MHz
RX : 216.000~249.995MHz, 902.000~927.995MHz
and more
- Antenna impedance : 50ohm (SMA)
- Supply voltage: DC7.4V (EBP-73 Li-Ion battery pack)
DC4.5~DC16V (external regulated source)
- Ground: Negative ground
- Current consumption:
-TX approx. 1.8A / 222MHz, 1.0A / 902MHz
-RX approx. 200mA
- Temperature range: -10°C~+45°Cper CE (+14~+113F)
- Frequency stability: +2.5ppm (-10°C~+45°C)
- Dimensions (W×H×D Projections exclusive):
60×115×30mm
or 2.36×4.53×1.18 in.
- Weight (Antenna/EBP-73 inclusive):
Approx.296g/9.55oz

■ Transmitter

- Output power (approx): -DC13.8V : 222MHz 5/ 1/ 0.4W,
902MHz 2/ 1/ 0.4W
- Modulation mode: FID/F2D/F3E
- Spurious emission: -60dB or less
- Maximum frequency deviation: ± 5 KHz

■ Receiver:

- System: Main/sub Double-conversion super heterodyne
- IF frequencies(1st/2nd): Main band 51.65MHz /450KHz
Sub band 50.75MHz / 450KHz
- Sensitivity: Main:222MHz-ham radio bands -15dBu
(Typ) 902MHz-ham radio bands -13dBu
Sub: 222MHz-ham radio bands -15dBu
902MHz-ham radio bands -13dBu
- Selectivity: -6dB 12KHz or more / -60dB 35KHz or less
- Audio output power: 400mW (8 Ω /10% THD)