

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L1, C1, C2
RF IC	Encode, logic control and sent out SD signal	IC1
Crystal	Generate 49.860MHz carrier	X1, Q2
RF power amplifier and modulator	Modulate the carrier and amplify the modulated RF signal	Q1

**Type of antenna: Telescope antenna with unique antenna connector**

**Type of modulation: Pulse modulation**

**Frequency Range: 49.860MHz single channel**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 75.8dBuV/m at 3m**

**Maximum allowed field strength error: +/- 3dB**