

## Technical description

Description	Function	Component
Antenna	Transmit modulated RF signal	ANT
Filter	Suppression of spurious emissions	L1,C1
RF IC	Encode, logic control and sent out SD signal	IC1
Crystal	Generate 27.145 MHz carrier	Y1, 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: 27.145MHz single channel

Antenna Gain: 0dBi

Nominal rated field strength: 69.6dBuV/m at 3m

Maximum allowed field strength error: +/- 3dB