

Antenna Information

In regards to compliance with paragraph 15.203 of the FCC rules:

- The antenna that we are using is a surface mount chip antenna that is soldered onto the PCB. The antenna can't be removed from the printed circuit board without a soldering iron. The case around the circuit board covers it in its entirety, it's ultrasonically welded shut and the only way to access the PCB is to break the enclosure.

List of Antennas to be used with the transmitter:

1. Manufacturer – Fractus,
model number – FR05-S1-N-0-102,
peak gain – 1.7dBi,
description – surface mount chip antenna.

The Fractus antenna was the antenna used during FCC and EU testing. The remaining antennas have a lower peak gain than the Fractus antenna used during testing and are listed as options, should the Fractus antenna become end of life.

2. Manufacturer – Abracon Corporation
model number - ACA-101-T
peak gain – 1.09dBi
description – surface mount chip antenna
3. Manufacturer – Wurth Electronics Inc
model number – 7488930245
peak gain – 0.5dBi
description – surface mount chip antenna
4. Manufacturer – Johanson Technology
Model number – 2450AT43B100
Peak gain – 1.3dBi
Description – surface mount chip antenna
5. Manufacturer – Taoglas
Model number – CA.14
Peak gain – 1dBi
Description – surface mount chip antenna

Pictures of the Antennas to be used with the transmitter:

- Fractus Antenna - The antenna is the component on the bottom of the board with the text "fractus" on it.



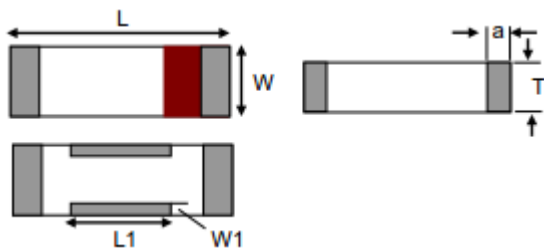
- Abracon antenna



- Wurth Electronics antenna



- Johanson Technology



- Taoglas

