

FM T55 Antenna Information

The FM T55 is a base station transmitter operating in the 72-76MHz band. We offer 4 antennas for sale with this product:

- ANT 005
 - Manufactured by Lee Manufacturing, p/n ANT 005A
 - This is a remote coaxial antenna. It includes a 22 foot long overall cable, with an 80" section providing the active antenna.
 - Gain of 2.4dBi max – dipole.
 - See ANT005a.pdf for specification drawing.
- ANT 021
 - Manufactured by Mobiltec, p/n AM168-02 / ANT 021 rev D
 - This is a rubber ducky antenna, it is 9" long, and is screwed directly onto the transmitter PCB.
 - Gain of -3dBi dBi max
 - See ANT021d.pdf for specification drawing
- ANT 024
 - Manufactured by Williams Sound, LLC, p/n ANT 024
 - This is a wall mounted telescoping dipole whip antenna for remote installation, it is 40" long with both whips fully extended.
 - Gain of 0dBi max
 - See ANT024d.pdf for specification drawing
- ANT 025
 - Manufactured by Williams Sound, LLC, p/n ANT 024
 - This is a PCB mount telescoping whip antenna. It is 39" long when fully extended.
 - Gain of 2.4dBi max
 - See ANT025c.pdf for specification drawing

These antennas comply with FCC 15.203:

Two of these antennas mount by a non-standard screw post (or stud) through a hole in the top cover of the chassis. No other known antennas will mate with this socket. ANT 021, ANT 025.

The other two antennas attach to a connector on the back of the unit. The connector they are attached to is disabled with a permanently attached cap when not used. ANT 005 and ANT 024.

All of these antennas have been tested and verified to radiate less than the maximum of 8000uV/m at 3 meters permitted to this type of equipment, when connected to the T55 transmitter with a radiated output as set by the manufacturer.