

Antenna Info

As shown in the photograph below, the modlet smartAC thermostat uses a permanently affixed monopole copper trace F-antenna which is inaccessible to the user, as the PCB is encased within the plastic housing. The Freescale MC1322x chip limits power to 3 dBm. The antenna is a 50 Ohm copper trace F-antenna with an approximately uniform radiation pattern and a peak gain of 2dBi.

