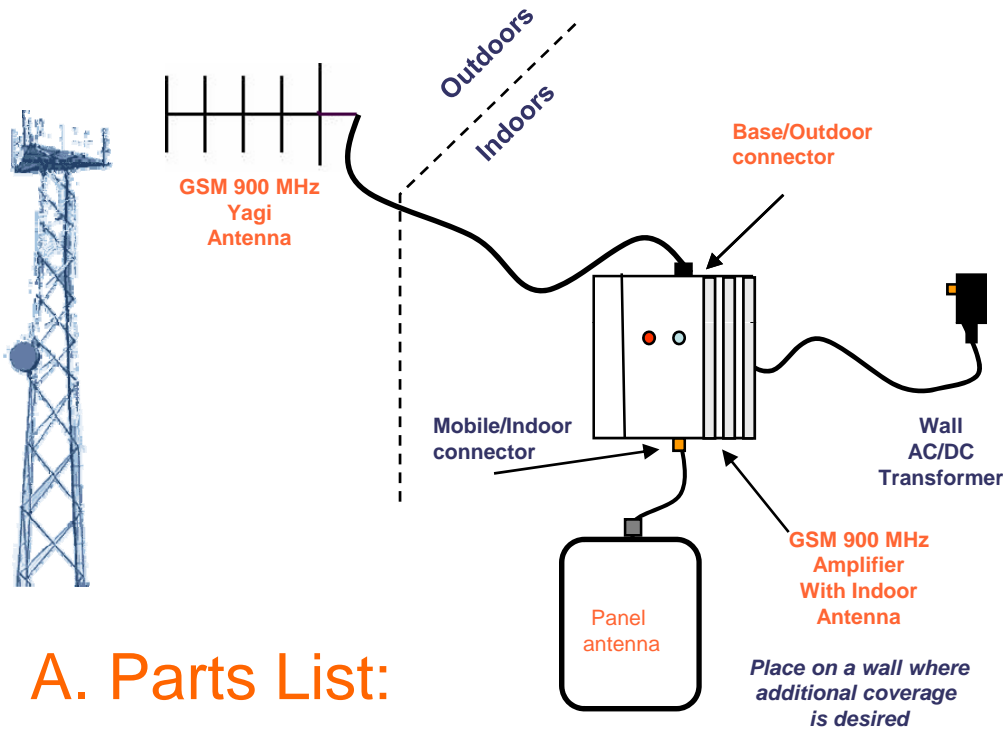




## CAE50 GSM 900 SOHO Repeater System



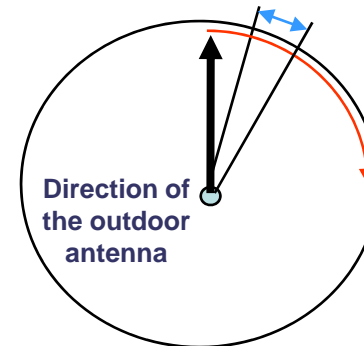
### A. Parts List:

- 50 dB 900 MHz Amplifier with wall pack DC power supply
- 7db directional GSM 900 MHz Yagi antenna
- 10 meters of low loss cable with N Male and SMA Male ends
- Indoor panel antenna
- CA-Whip
- Installation instructions

### B. Instructions

- 1) Mount Yagi on rooftop pole (See aiming instructions below).
- 2) Place the amplifier indoors where coverage is required.
- 3) Run the 10 meters of cable from the outdoor GSM 900 MHz Yagi antenna to the amplifier (Connect outside antenna cable connector to **Base** side & attach indoor whip or panel antenna to **Mobile** side).
- 4) Power up the amplifier by connecting the wall mounted transformer in wall outlet and the other end to the DC-IN connector.
- 5) In order to get the best performance of this system you will need to get the outside Yagi antenna aimed at the cell site of your GSM provider (may not necessarily be the closest to you – or even visible).

See illustration below for Yagi antenna aiming instructions



**Move in 1 inch increments** (wait 20-30 seconds) and see how the signal improves inside – about 6 feet away from indoor antenna. If there is no improvement, move it another inch in rotation (wait another 20-30 seconds) before moving again if needed.

Once maximum signal is obtained then tighten mounting nuts on yagi antenna and you are done.