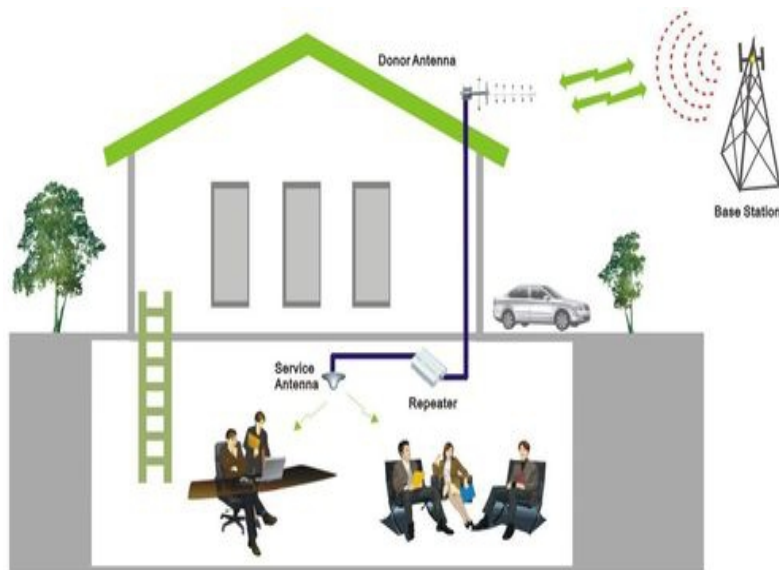


>> Application :



● **To expand signal coverage of signal blind areas where signal is weak or unavailable.**
A cheap and immediate solution that would allow them have clear phone calls or higher speed broad band.

No more dropped calls ! No more poor reception !

No more running to the windows or going outside to talk on your mobile phone !

Now you can reach everywhere with signal boosters!



300~2000 square meters coverage
≥10dBm power , 65dB gain
Repeater kit available

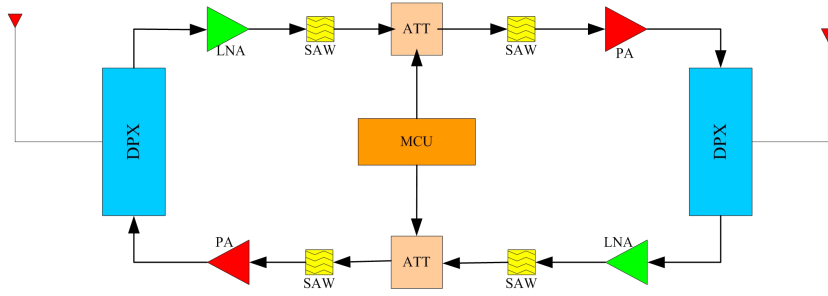
>> Specification:

Electrical specification		Uplink	Downlink
Frequency Range	GSM900	890~ 915	935 ~ 960
gain(dB)		60/65±2	65/70±2
Band flatness (dB)		GSM、CDMA850≤±3 DCS、PCS、WCDMA≤±6	
Output Power (dBm)		≥10	≥10
ALC (dB)		31dB @ 1dB step	
VSWR		≤2.5	
Group delay(uS)		≤1.5	
Noise figure(dB)		≤6	
spurious emission		9KHz~150KHz≤-36dBm@1KHz	
		150KHz~30MHz≤-36dBm@10KHz	
		30MHz~1GHz≤-36dBm@100KHz	
		1GHz~12.7GHz≤-30dBm@1MHz	
Working temperture(°C)		-25°C ~ +55°C	
Connector type		<input type="checkbox"/> SMA	<input type="checkbox"/> N <input type="checkbox"/> TNC
Working voltage		AC110V~220V to DC+5V/2A	
Size (mm)		159*101*29.6	
Weight (g)		472	

>> Description

- 1 、 Mini design, beautiful looking and practical
- 2、 Receiving and sending separation, easy installation and operation, Full-duplex design, low consumption, environmental protection
- 3 、 Manual gain control (MGC) available for both uplink and downlink to adjust the gain value for proper coverage during installation or maintenance
- 4、 Auto shut off function available for both uplink and downlink to avoid deep self-oscillations from jamming the towers, saving your trouble from operators.
- 5 、 MCU single chip control, monitoring device on running completely
- 6、 Supports up to (30) users / calls simultaneously.

>> Schematic



>>Repeater Kit

- 1.Repeater unit with power cord anadaptor.
- 2.External Panel 9dBi as donor antenna.
3. RF cable (15M & 5M)
4. Whip server antenna N Male.

