

18dBm GSM900 DCS1800 3G 2100 Tri band signal repeaters

A cell phone signal booster (also known as cellular repeater or amplifier) is a device that boosts cell phone signals to and from your mobile phone whether at home or office or in any vehicle.

It does this by taking the existing cellular signal, amplifying it, and then broadcasting to an area in need of better reception.

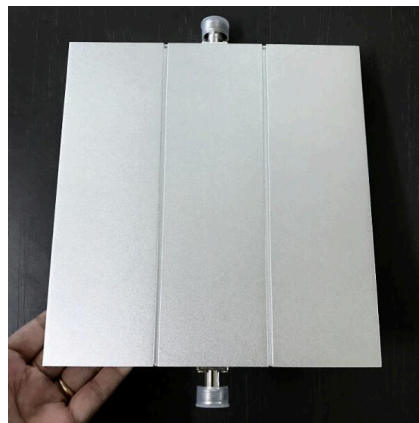
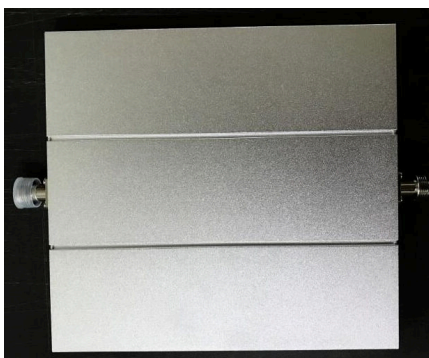
If you're experiencing dropped calls, slow or lost internet connection, stuck text messages, poor voice quality, weak coverage, low bars, and other cell phone reception problems, a cell phone signal booster is the best solution that produces definite results.



We provides signal boosters kits for any Homes, Offices, Cars, RV's, Boats and more. All amplifier kits come with Indoor and Outdoor Antennas, Cables, Power adapters and more.

HPC-GDW-18 Tri band repeater Features:

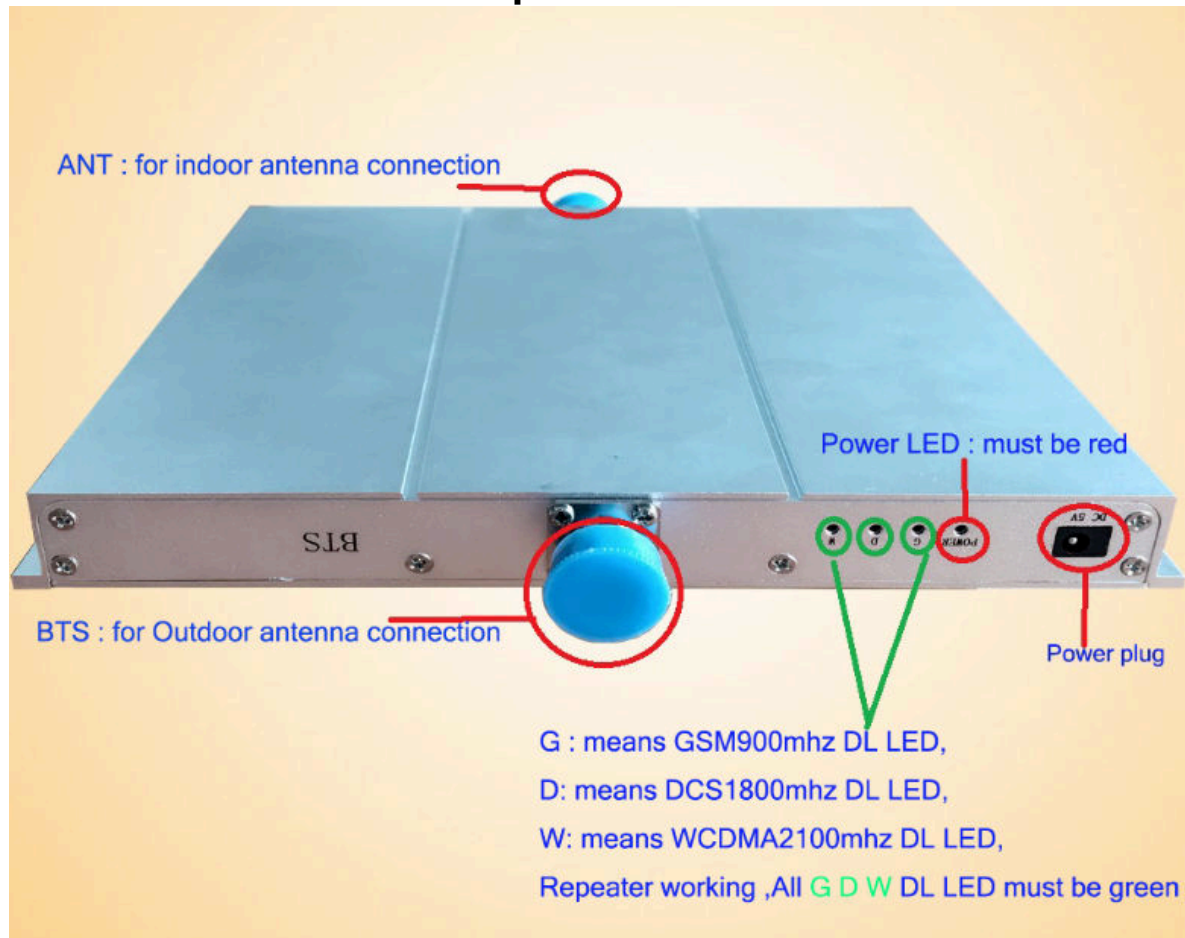
1. With unique appearance design, have good cooling function
2. With DL signal LED display, help to install the outdoor antenna at the best state;
3. With AGC and ALC, make repeater work stable .
4. PCB with isolation function ,make UL and DL signal not influence each other,
5. Low intermodulation, high Gain ,stable Output power



Specification of HPC-GDW-18 Tri band repeater:

Electrical specification		Uplink	Downlink
Frequency Range	GSM900	880 ~ 915 MHz	925 ~ 960 MHz
	DCS	1710 ~ 1785 MHz	1805 ~ 1880 MHz
	WCDMA	1920-1980MHz	2110-2170MHz
Max .Gain		$\geq 65\text{dB}$	$\geq 70\text{dB}$
Max .Output Power		$\geq 15\text{dBm}$	$\geq 18\text{dBm}$
ALC		$\geq 20\text{dB}$	
Gain Flatness	GSM & CDMA	Typ $\leq 6\text{dB(P-P)}$; DCS, PCS $\leq 8\text{dB(P-P)}$	
	WCDMA	$\leq 2\text{dB/ } 3.84\text{MHz}$, Full Band $\leq 5\text{dB(P-P)}$	
Noise Figure		$\leq 5\text{dB}$	
VSWR		≤ 2.0	
Spurious Emission & Output inter-modulation		GSM Meet ETSI TS 151 026 V 6.1.0	
		WCDMA Meet 3GPP TS 25.143 (V 6.2.0)	
		CDMA Meet IS95 & CDMA2000	
WCDMA System	Spurious Emission Mask	Meet 3GPP TS 25.143 (V 6.2.0)	
	Modulation Accuracy	$\leq 12.5\%$	
	Peak Code Domain Error	$\leq -35\text{dB@Spreading Factor } 256$	
CDMA System	Rho	$\rho > 0.980$	
	ACPR	Meet IS95 & CDMA2000	
Mechanical Specifications		Standard	
I /O Port		N-Female	
Impedance		50 ohm	
Operating Temperature		$-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$	
Environment Conditions		IP40	
Dimensions		180x180x30mm	
Weight		$\leq 1.30\text{Kg}$	
Power Supply		Input AC90-264V, output DC 5.4A / 3A	

HPC-GDW-18 Tri band repeater LED Introduction :



G D W LED is help to make installation:

1. if outdoor signal is enough stronger , the G D W DL LED will be lighted green,then it means the repeater will work fine
2. if outdoor signal is not coming , the G D W DL LED will be black, it means we need to adjust the outdoor antenna to be another place where have good signal,then the repeater will work fine.

HPC-GDW-18 Tri band repeater Complete sets

1. Max can work with 2pcs indoor antennas;
2. Outdoor we can supply Yagi antenna ,LAPA antenna ,or omni antenna ;
3. Indoor we supply omni antenna , whip antenna or panel antenna ;

