



Repeater Dualband Globalwave

Repeater Band Selective 900Mhz / 1800Mhz

Model/Type : GW-918-20W

Technical Specifications

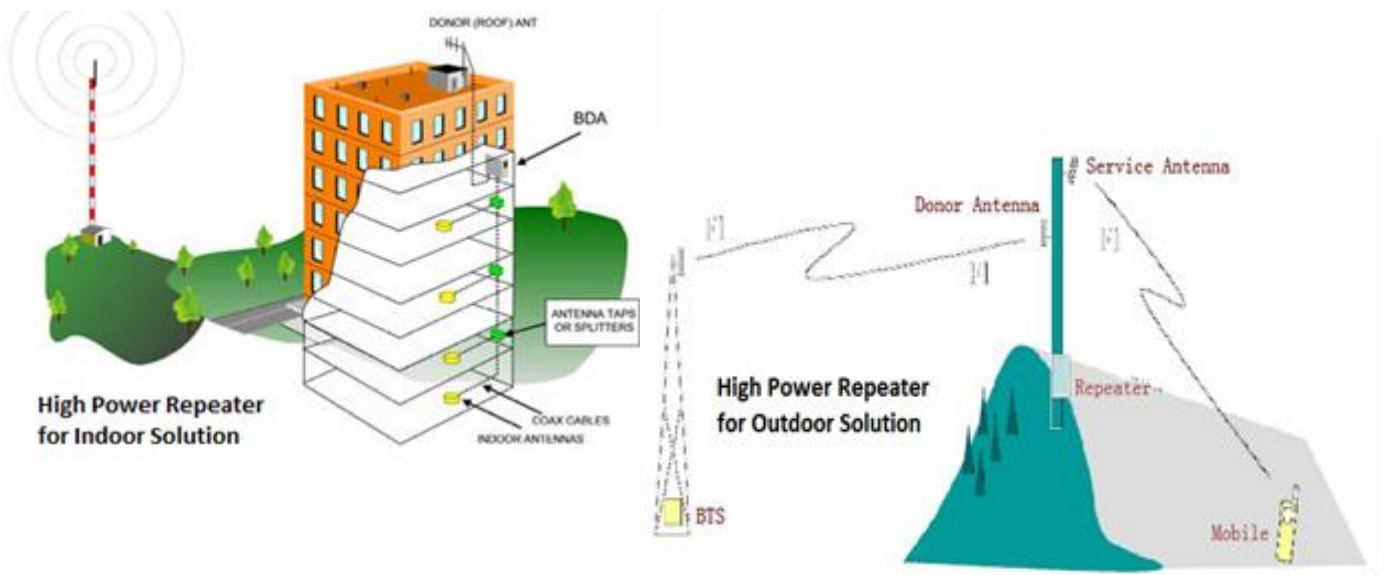
Electrical		GSM 900 Mhz/LTE 900 Mhz		DCS 1800 Mhz / LTE 1800 Mhz	
Frequency Range	Uplink	907.7 - 914,8 MHz		1710,2 - 1732,3 Mhz	
	Downlink	952.7 - 959,8 MHz		1805,2 - 1827,3 MHz	
Bandwidth		7,5 Mhz (Adjustable)		22,5 Mhz (Adjustable)	
Output Power		Uplink 23±2 dBm ; Downlink 41±2 dBm			
Gain		Uplink 88±2 dB ; Downlink 88±2 dB			
Manual Gain Control		31dB in step of 1dB			
Auto Level Control		≥30 dB			
Gain Flatness		≤3dB (P-P)		≤3dB (P-P)	
Out of Band Gain	±400KHz	<50dB		±400KHz	<50dB
	±600KHz	<40dB		±600KHz	<40dB
	±1MHz	<35dB		±1MHz	<35dB
	±5MHz	<25dB		±5MHz	<25dB
Intermodulation		≤-45dBc			
Spurious Emission	9KHz~1GHz	≤-36dBm			
	1GHz~12.75GHz	≤-30dBm			
Noise Figure		< 6dB			
Frequency Stability		≤0.01ppm			
Electromagnetic Compatibility (EMC)		Satisfied with Industrial A Standard (EN 55022)			
Group Delay		<8uS			
VSWR		≤ 2			
Mechanical		Standard			
I /O Port		N-Female			
Impedance		50 ohm			
Operating Temperature		-25 °C ~+55 °C			
Environment Conditions		IP65			
Dimensions		450x360x170mm			
Weight		≤ 20Kg			
Power Supply		Input AC90~264V, 3A			
Software		Standard			
Local Monitoring		PC via USB/RS232 Port			
Remote Monitoring		Via GSM GPRS Modem (Optional)			
Controlled Parameters		Gain, Frequency, Repeater ON/OFF, Alarm Enable, etc.			
Monitoring Parameters		Gain, Frequency, Repeater ON/OFF, Alarm Message, Output power, Temperature			
Alarm Items		Repeater Failure, DC Failure, ALC Alarm			

Technical Features :

- High sensitivity receiving, high performance LNA.
- Lower time delay processing technology.
- Local and remote monitoring Technology.
- Automatic level control, ALC function, ensure normal operation in harsh environments.
- With perfect management system and friendly interface, high reliable operation and fault handling ability

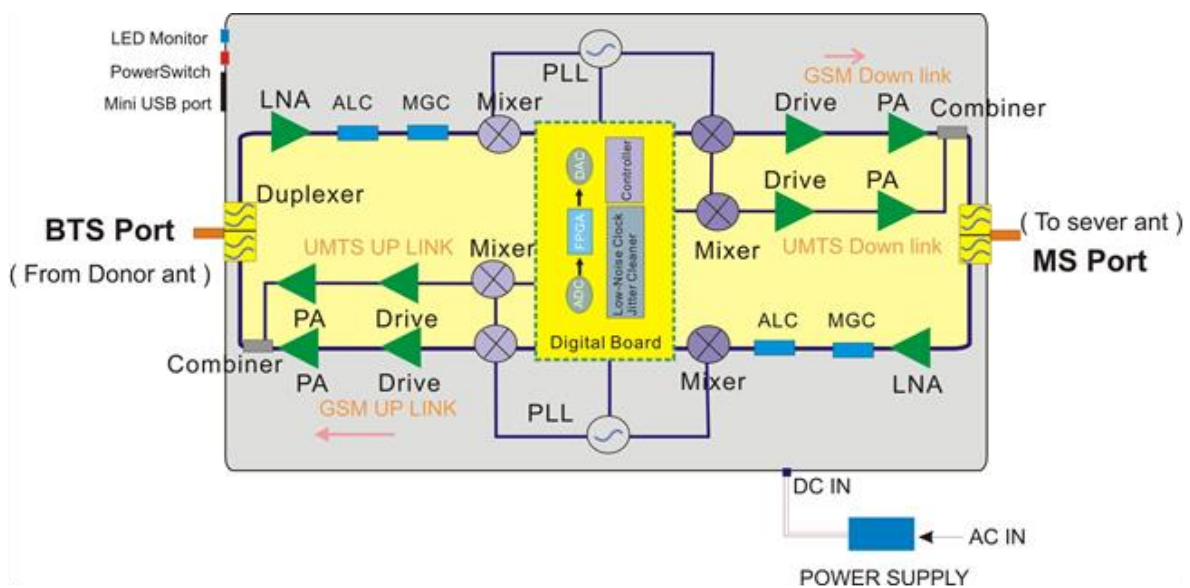
Applications :

- Blind or weak signal areas like underground business places, basements, underground parkings, etc.
- Blind or weak signal areas in the dense resident buildings.
- Small-size areas like meeting rooms, supermarket, scriptorium, small public areas etc.
- Heavy traffic and social public areas like internet bars, coffee shops, gym clubs, entertainment places.
- Elevators, especially where the cables are difficult to be distributed.



Application Diagram of Indoor & Outdoor Repeater

Principle Diagram :





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Product Pictures :

