



**SPECIFICATION
KW10-WCDMA**


Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		50 dB	55 dB
Bandwidth		Wide Band	
Automatic Gain Control		>20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		135*70*22 (mm)	
Weight		0.3Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10°C ~ 55°C	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m ² without block or obstruct. *Reduce cellphone transmit pow	

SPECIFICATION
KW10A-GSM


Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		55 dB	60 dB
Bandwidth		Wide Band	
Ripple in Band		≤6dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 5V 2A	
Power Consumption		< 10W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		100*85*20 (mm)	
Weight		< 0.5 Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10°C ~ 55°C	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit power and radiation,extend cellphone battery life. *High linear design, low interference to BTS. 	

SPECIFICATION


KW10A-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		100*85*20 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	

SPECIFICATION
KW10A-CDMA

Electrical Specification		Uplink	Downlink
Frequency Range		824~849 MHz	869 ~ 894 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤ 5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤ 3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		100*85*20 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	

SPECIFICATION
KW14A-CDMA

Electrical Specification		Uplink	Downlink
Frequency Range		824~849 MHz	869 ~ 894 MHz
Output Power		10 ±2dBm	14 ±2dBm
Gain		55 dB	55 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	



SUNRISE-TECH (HK) CO.,LTD., LTD

SPECIFICATION KW17A-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Ripple in Band		≤6dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 5V 2A	
Power Consumption		< 10W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10°C ~ 55°C	



Product Feature:


*Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls.

*Compact size, low consumption, easy installation, great cover.


*Cover about 100~1000 m² without block or obstruct.

*Reduce cellphone transmit power


SPECIFICATION
KW27A-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20A-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		55 dB	55 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW23A-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	23 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27A-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	27 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27A-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	27 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27A-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	27 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27A-GW

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1920~1980 MHz	935 ~ 960/2110 ~ 2170 MHz
Output Power		10 ±2dBm	27 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27A-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/ 1710~1785 MHz	935 ~ 960/1805 ~ 1880 MHz
Output Power		10 ±2dBm	27 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	

SPECIFICATION
KW30A-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	30 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*110*25 (mm)	
Weight		1Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW10B-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 5V 2A	
Power Consumption		< 10W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		145*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW14B-GW

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1920~1980 MHz	935 ~ 960/2110 ~ 2170 MHz
Output Power		10 ±2dBm	14 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*40 (mm)	
Weight		2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW14B-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/ 1710~1785 MHz	935 ~ 960/1805 ~ 1880 MHz
Output Power		10 ±2dBm	14 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW17B-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW17B-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW17B-CDMA

Electrical Specification		Uplink	Downlink
Frequency Range		824~849 MHz	869 ~ 894 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20B-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890~915 MHz	935~ 960 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20B-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20B-PCS

Electrical Specification		Uplink	Downlink
Frequency Range		1850~1910 MHz	1930 ~ 1990 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20B-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW23B-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	23 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 5V 2A	
Power Consumption		< 10W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		200*120*30 (mm)	
Weight		1.3Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW33B-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	33 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		420*275*70 (mm)	
Weight		7.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~10000 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW33B-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	33 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		420*275*70 (mm)	
Weight		7.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~10000 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW33B-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	33 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		420*275*70 (mm)	
Weight		7.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~10000 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW33B-GSM-O

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	33 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		350*320*150 (mm)	
Weight		10Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10°C ~ 55°C	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~15000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW40A-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		35 ±2dBm	40 ±2dBm
Gain		85 dB	90 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		400*300*220 (mm)	
Weight		7Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~15000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW33B-WCDMA-O

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	33 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		350*320*150 (mm)	
Weight		10Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~15000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW37B-GSM-O

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	37 ±2dBm
Gain		90 dB	90 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤ 5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤ 2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		500*400*250 (mm)	
Weight		25Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~20000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW10C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m ² without block or obstruct. *Reduce cellphone transmit pow	


SPECIFICATION
KW10C-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW10C-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m ² without block or obstruct. *Reduce cellphone transmit pow	

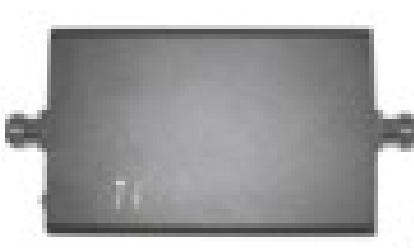
**SPECIFICATION
KW10C-GD**

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710 ~ 1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		60 dB	65dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤8dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 9V 2A	
Power Comsumption		< 10W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		210*135*60 (mm)	
Weight		2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	

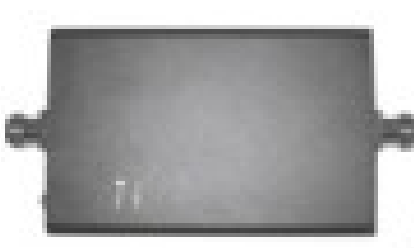
SPECIFICATION
KW10C-GW

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1920~1980 MHz	935 ~ 960 /2110 ~ 2170 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		65 dB	65 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		210*135*60 (mm)	
Weight		2Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~500 m² without block or obstruct. *Reduce cellphone transmit pow 	

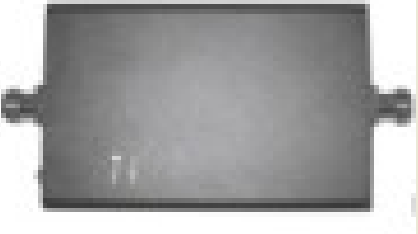
SPECIFICATION
KW17C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW17C-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW17C-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	17 ±2dBm
Gain		60 dB	60 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		141*90*21 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20C-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20C-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW20C-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		10 ±2dBm	20 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		145*250*53 (mm)	
Weight		2.8Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	

SPECIFICATION
KW24C-GDW

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785/1920~1980 MHz	935 ~ 960 /1805 ~ 1880/2110~2170 MHz
Output Power		15 ±2dBm	24 ±2dBm
Gain		70 dB	70 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		330*268*58 (mm)	
Weight		7Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~2500 m² without block or obstruct. *Reduce cellphone transmit pow 	

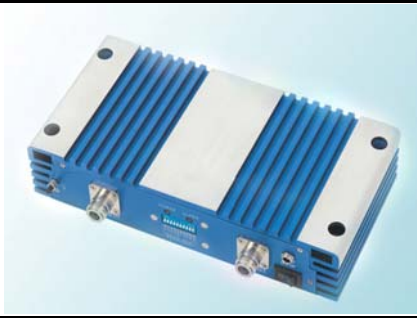
SPECIFICATION
KW27C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710 ~ 1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		20 ±2dBm	27 ±2dBm
Gain		75 dB	75dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~5000 m² without block or obstruct. *Reduce cellphone transmit pow 	



SPECIFICATION

MODEL	KS20C-CDMA,KS20C-GSM,KS20C-DCS		
Electrical Specification		Uplink	Downlink
Frequency Range		The user specified	
Max.Gain		70 dB	70 dB
Bandwidth		available upon request (1-2 selectable bands)	
Manual Gain Control		31dB in step of 1dB	
Automatic Gain Control		> 20dB	
Ripple in Band		≤3dB(Typical)	
Out of Band Gain		± 400 KHz ≅ 50 dB	
		± 600 KHz ≅ 40 dB	
		± 1 MHz ≅ 35 dB	
		± 5 MHz ≅ 25 dB	
Max. Input Power Without Damage		0 dBm	
Output Power		15 dBm	20 dBm
Intermodulation Products	9KHz~1GHz	≅ -36 dBm	≅ -36 dBm
	1GHz~12.75GHz	≅ -30 dBm	≅ -30 dBm
Spurious Emission	9KHz~1GHz	≅ -36 dBm	≅ -36 dBm
	1GHz~12.75GHz	≅ -30 dBm	≅ -30 dBm
Noise Figure @ max. gain		≅ 6 dB(Typical)	
Return loss		≅ -10 dB	
Time Delay		≅ 4.5 μs	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 9V 5A	
Power Consumption		< 25W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Switch		Power Switch、 Manual Gain Control Switch	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*160*53 (mm)	
Weight		< 2.5 Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃~55℃	



Product Feature:

- *Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls.
- *Compact size, low consumption, easy installation, great cover.
- *Cover about 100~2500 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION


MODEL	KS27C-CDMA,KS27C-GSM,KS27C-DCS		
Electrical Specification		Uplink	Downlink
Frequency Range		The user specified	
Max.Gain		70 dB	75 dB
Bandwidth		available upon request (1-2 selectable bands)	
Manual Gain Control		31dB in step of 1dB	
Automatic Gain Control		>20dB	
Ripple in Band		≤3dB(Typical)	
Out of Band Gain		± 400 KHz ≅ 50 dB	
		± 600 KHz ≅ 40 dB	
		± 1 MHz ≅ 35 dB	
		± 5 MHz ≅ 25 dB	
Max. Input Power Without Damage		0 dBm	
Output Power		15 dBm	27 dBm
Intermodulation Products	9KHz~1GHz	≅ -36 dBm	≅ -36 dBm
	1GHz~12.75GHz	≅ -30 dBm	≅ -30 dBm
Spurious Emission	9KHz~1GHz	≅ -36 dBm	≅ -36 dBm
	1GHz~12.75GHz	≅ -30 dBm	≅ -30 dBm
Noise Figure @ max. gain		≅ 6 dB(Typical)	
Return loss		≅ -10 dB	
Time Delay		≅ 4.5 μs	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 9V 5A	
Power Consumption		< 25W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Switch		Power Switch、 Manual Gain Control Switch	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		275*268*58 (mm)	
Weight		<4.5 Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃~55℃	




Product Feature:

- *Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls.
- *Compact size, low consumption, easy installation, great cover.
- *Cover about 100~5000 m² without block or obstruct.
- *Reduce cellphone transmit pow


SPECIFICATION
KW27C-DCS

Electrical Specification		Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		20 ±2dBm	27 ±2dBm
Gain		75 dB	75 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~5000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27C-WCDMA

Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		20 ±2dBm	27 ±2dBm
Gain		75 dB	75 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		250*145*53 (mm)	
Weight		2.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~5000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW27C-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		20 ±2dBm	27 ±2dBm
Gain		75 dB	75 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		300*268*58 (mm)	
Weight		4.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~5000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW30C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		20 ±2dBm	30 ±2dBm
Gain		85 dB	85 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		305*268*53 (mm)	
Weight		5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~10000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW30C-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		20 ±2dBm	30 ±2dBm
Gain		75 dB	75 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Comsumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		300*268*116 (mm)	
Weight		9Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~10000 m² without block or obstruct. *Reduce cellphone transmit pow 	


SPECIFICATION
KW37C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		33 ±2dBm	37 ±2dBm
Gain		90 dB	90 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤2	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		340*450*175 (mm)	
Weight		15Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		Product Feature: *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~25000 m ² without block or obstruct. *Reduce cellphone transmit pow	


**SPECIFICATION
CAR33-GSM**

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		33 ±2dBm	5±2dBm
Gain		20 dB	20 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		120*92*25 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Reduce cellphone transmit pow 	


SPECIFICATION
CAR33-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		33 ±2dBm	5 ±2dBm
Gain		20 dB	20 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		120*92*25 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Reduce cellphone transmit pow 	


SPECIFICATION
CAR33-CP

Electrical Specification		Uplink	Downlink
Frequency Range		824~849/1850~1910 MHz	869~894/1930~1990 MHz
Output Power		33 ±2dBm	5 ±2dBm
Gain		20 dB	20 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		120*92*25 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Reduce cellphone transmit pow 	

SPECIFICATION
CAR33W-GD

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		33 ±2dBm	5 ±2dBm
Gain		55 dB	55 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		120*92*25 (mm)	
Weight		0.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones,reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	

**SPECIFICATION
KW10-GSM**

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Output Power		10 ±2dBm	10 ±2dBm
Gain		50 dB	50 dB
Bandwidth		Wide Band	
Automatic Gain Control		> 20dB	
Ripple in Band		≤ 5dB	
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Spurious Emission	9KHz~1GHz	≤ -36 dBm	
	1GHz~12.75GHz	≤ -30 dBm	
Noise Figure @ max. gain		≤ 6 dB	
VSWR		≤ 3	
MTBF		> 50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption		< 20W	
Impedance		50 ohm	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH)		140*100*30 (mm)	
Weight		0.4Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Humidity		< 90%	
Operating Temperature		-10°C ~ 55°C	
		<p>Product Feature:</p> <ul style="list-style-type: none"> *Provide quick coverage solution for small signal weak & block zones, reduce drop/off calls. *Compact size, low consumption, easy installation, great cover. *Cover about 100~1500 m² without block or obstruct. *Reduce cellphone transmit pow 	