

SPECIFICATION KW10-WCDMA

	KVV10-VVCDMA			
Electrical Specification		Uplink	Downlink	
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz	
Output Power		10 ±2dBm 10 ±2dBm		
Gain		50 dB	55 dB	
Band	width	Wide	Band	
Automatic 0	Gain Control	>2	0dB	
Ripple	in Band	\leqslant	5dB	
Intermodulation	9KHz~1GHz	≤ -36	6 dBm	
Products	1GHz~12.75GHz	≤ -30) dBm	
Courieus Fraissis	9KHz~1GHz	≤ -36	3 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -30) dBm	
Noise Figure	@ max. gain	≤ 6 dB		
VS	WR	≤3		
MT	BF	>50000 hours		
Power	Supply	AC: 90~265V, 50/	60Hz; DC: 12V 3A	
Power Cor	nsumption	< 20W		
Imped	dance	50 ohm		
	Mechan	ical Specification		
RF Co	nnector	N-Female		
Cod	oling	Heatsink Convection cooling		
Dimensions	(D x W xH)	135*70*22 (mm)		
We	ight	0.3Kg		
Installati	on Type	Wall Installation		
Environmen	t Conditions	IP40		
Hum	nidity	< 90%		
Operating T	emperature	-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 about 100~500 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION

KW10A-GSM

KW10A-GSM				
Electrical S	pecification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Output Power		10 ±2dBm	10 ±2dBm	
Ga	ain	55 dB	60 dB	
Band	width	Wide	Band	
Ripple i	in Band	€(∂dB	
Intermodulation	9KHz~1GHz	≤ -36	3 dBm	
Products	1GHz~12.75GHz	≤ -30	O dBm	
	9KHz~1GHz	≤ -36	3 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -30	O dBm	
Noise Figure	@ max. gain	≤ (3 dB	
VS'	WR	<	<u> </u>	
MT	BF	>5000	0 hours	
Power	Supply	AC: 90~265V, 50/	60Hz; DC: 5V 2A	
Power Cor	msumption	< 10W		
Imped	dance	50 ohm		
	Mechar	ical Specification		
RF Connector		N-Fe	emale	
Cooling		Heatsink Con	vection cooling	
Dimensions	(D x W xH)	100*85*20 (mm)		
Weight		< 0.5 Kg		
Installati	ion Type	Wall Installation		
Environmen	t Conditions	IP40		
Hum	nidity	< 9	90%	
Operating T	emperature	-10℃	~ 55℃	
OSM Signal Pico-repeater		block zones,reduce drop/off	ption, easy installation, great without block or obstruct. power and radiation,extend	



SPECIFICATION

KW10A-WCDMA

KW TOA-WCDIVIA				
Elec	trical Specification	Uplink	Downlink	
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz	
Output Power		10 ±2dBm	10 ±2dBm	
	Gain	60 dB	60 dB	
	Bandwidth	Wid	e Band	
Αι	utomatic Gain Control	>	20dB	
	Ripple in Band	\$	€5 dB	
Intermodulati	9KHz~1GHz	≤ -:	36 dBm	
on Products	1GHz~12.75GHz	≤ -:	30 dBm	
Spurious	9KHz~1GHz	≤ -:	36 dBm	
Emission	1GHz~12.75GHz	≤ -:	30 dBm	
Noi	se Figure @ max. gain	<	6 dB	
	VSWR	≤3		
	MTBF	>50000 hours		
	Power Supply	AC: 90~265V, 50	/ 60Hz; DC: 12V 3A	
F	Power Comsumption	<	20W	
	Impedance	50 ohm		
	Mechanic	al Specification		
	RF Connector	N-Female		
	Cooling	Heatsink Convection cooling		
Dii	mensions (D x W xH)	100*85*20 (mm)		
	Weight	0.5Kg		
	Installation Type	Wall Installation		
Er	vironment Conditions		P40	
	Humidity	< 90%		
Oį	perating Temperature	-10℃ ~ 55℃		
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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 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION KW10A-CDMA

	KW	/10A-CDMA	
Electri	cal Specification	Uplink	Downlink
Frequency Range		824~849 MHz	869 ~ 894 MHz
Output Power		10 ±2dBm	10 ±2dBm
	Gain	60 dB	60 dB
	Bandwidth	V	Vide Band
Auto	matic Gain Control		>20dB
F	Ripple in Band		≤5 dB
Intermodulation	9KHz~1GHz	≤ -36 dBm	
Products	1GHz~12.75GHz	\$	-30 dBm
Spurious	9KHz~1GHz	\$	≤ -36 dBm
_. Emission	1GHz~12.75GHz	\$	≤ -30 dBm
Noise	Figure @ max. gain		≤ 6 dB
	VSWR		≤3
	MTBF	>5	50000 hours
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Pov	ver Comsumption	< 20W	
	Impedance		50 ohm
	Mechan	ical Specification	
RF Connector		ı	N-Female
Cooling		Heatsink (Convection cooling
Dime	nsions (D x W xH)	100*85*20 (mm)	
	Weight	0.5Kg	
Ir	nstallation Type	Wall Installation	
Envir	onment Conditions		IP40
	Humidity		< 90%
Oper	ating Temperature	-1	0℃ ~ 55℃
Signal Pico-repeater 5V MS		block zones,reduce drop *Compact size, low cons cover.	umption, easy installation, great n² without block or obstruct.



SPECIFICATION KW14A-CDMA

	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		
Bar	ndwidth		Wide Band		
Automatio	Gain Control		>20dB		
Rippl	e in Band		≤5 d B		
Intermodulation	9KHz~1GHz		≤ -36 dBm		
Products	1GHz~12.75GHz		≤ -30 dBm		
On minus Fasinaian	9KHz~1GHz		≤ -36 dBm		
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm		
Noise Figu	e @ max. gain		≤ 6 dB		
V	SWR		≤3		
N	1TBF		>50000 hours		
Powe	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A			
Power C	omsumption	< 20W			
Imp	edance		50 ohm		
	Мес	hanical Spec	ification		
RF Connector			N-Female		
С	ooling	Heatsink Convection cooling			
Dimension	ns (D x W xH)	200*110*25 (mm)			
V	/eight	1Kg			
Installa	ation Type	Wall Installation			
Environme	ent Conditions	IP40			
Hι	ımidity	< 90%			
Operating	Temperature	-10℃ ~ 55℃			
MINI COMA		zones,reduce dr *Compact size, l *Cover about 10	overage solution for small signal weak & block		



SPECIFICATION KW17A-GSM

Electrical S	pecification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Output Power		10 ±2dBm	17 ±2dBm	
Ga	ain	60 dB	60 dB	
Band	width	Wide	Band	
Ripple	in Band	≤(∂dB	
Intermodulation	9KHz~1GHz	≤ -30	6 dBm	
Products	1GHz~12.75GHz	≤ -30) dBm	
Outside Fasicales	9KHz~1GHz	≤ -30	6 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -30) dBm	
Noise Figure	@ max. gain	≤ (6 dB	
VS	WR	≤3		
МТ	BF	>50000 hours		
Power	Supply	AC: 90~265V, 50/	60Hz; DC: 5V 2A	
Power Cor	msumption	< 10W		
Impe	dance	50 ohm		
	Mechan	ical Specification		
RF Co	nnector	N-Female		
Cod	oling	Heatsink Convection cooling		
Dimensions	(D x W xH)	200*110*25 (mm)		
We	Weight		1Kg	
Installat	ion Type	Wall Installation		
Environmen	t Conditions	IP40		
Hum	nidity	< 90%		
Operating T	emperature	-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 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION KW27A-WCDMA

		KW27A-WCDN	<u>IA</u>	
Elect	rical 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	
Aut	tomatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodul	9KHz~1GHz		≤ -36 dBm	
ation Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Nois	e Figure @ max. gain		≤ 6 dB	
	VSWR		≤3	
	MTBF		>50000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Po	ower Comsumption	< 20W		
	Impedance	50 ohm		
	M	echanical Specific	ation	
	RF Connector	N-Female		
Cooling		Heatsink Convection cooling		
Dim	nensions (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
	Installation Type	Wall Installation		
Env	vironment Conditions	IP40		
	Humidity	< 90%		
Оре	erating Temperature	-10℃ ~ 55℃		
MINI CDMA		zones,reduce drop/off *Compact size, low co	nsumption, easy installation, great cover. 00 m² without block or obstruct.	



SPECIFICATION KW20A-GSM

RVVZUA-GSWI				
Electric	al Specification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Output Power		10 ±2dBm	20 ±2dBm	
	Gain	55 dB	55 dB	
	Bandwidth	W	/ide Band	
Autom	atic Gain Control		>20dB	
Ri	pple in Band		≤5 dB	
Intermodulation	9KHz~1GHz	<	-36 dBm	
Products	1GHz~12.75GHz	<	-30 dBm	
Spurious	9KHz~1GHz	<	-36 dBm	
Emission	1GHz~12.75GHz	<	-30 dBm	
Noise F	igure @ max. gain		≤ 6 dB	
	VSWR	≤3		
	MTBF	>5	0000 hours	
Po	ower Supply	AC: 90~265V,	50/ 60Hz; DC: 12V 3A	
Powe	er Comsumption	< 20W		
I	mpedance	50 ohm		
	Mech	nanical Specification		
R	F Connector	N-Female		
	Cooling	Heatsink Convection cooling		
Dimens	sions (D x W xH)	200*110*25 (mm)		
	Weight		1Kg	
Ins	tallation Type	Wall	Installation	
Enviror	nment Conditions	IP40		
	Humidity	< 90%		
Operat	ting 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 100~1500 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION KW23A-GSM

	KW23A-GSM				
Electric	cal Specification	Uplink	Downlink		
Fre	quency Range	890 ~ 915 MHz	935 ~ 960 MHz		
Output Power		10 ±2dBm	23 ±2dBm		
	Gain	60 dB	60 dB		
	Bandwidth	Wide Band	d		
Autom	natic Gain Control	>20dB			
R	ipple in Band	≤5dB			
Intermodulation	9KHz~1GHz	≤ -36 dBr	n		
Products	1GHz~12.75GHz	≤ -30 dBr	n		
Spurious	9KHz~1GHz	≤ -36 dBr	n		
Emission	1GHz~12.75GHz	≤ -30 dBr	n		
Noise F	igure @ max. gain	≤ 6 dB			
	VSWR	≤3			
	MTBF	>50000 ho	>50000 hours		
P	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A			
Powe	er Comsumption	< 20W			
	Impedance	50 ohm			
	Mech	anical Specification			
RF Connector		N-Female)		
Cooling		Heatsink Convection	Heatsink Convection cooling		
Dimen	sions (D x W xH)	200*110*25 (r	200*110*25 (mm)		
	Weight	1Kg			
Ins	stallation Type	Wall Installation			
Enviro	nment Conditions	IP40			
	Humidity	< 90%			
Opera	iting Temperature	-10℃ ~ 55℃			
GSM970		Product Feature: *Provide quick coverage solution for zones,reduce drop/off calls. *Compact size, low consumption, eacover. *Cover about 100~1500 m² without language.	asy installation, great		



SPECIFICATION KW27A-GSM

KWZ/A-GSW				
Electrica	I Specification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Output Power		10 ±2dBm	27 ±2dBm	
	Gain	65 dB	65 dB	
В	andwidth		Wide Band	
Automa	tic Gain Control		>20dB	
Rip	ple in Band		≤5dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	gure @ max. gain		≤ 6 dB	
	VSWR		€3	
	MTBF		>50000 hours	
Po	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
In	npedance		50 ohm	
	Mech	anical Specifica	tion	
RF	Connector		N-Female	
	Cooling	Hea	Heatsink Convection cooling	
Dimensi	ons (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
Insta	allation Type	Wall Installation		
Environ	ment Conditions		IP40	
1	Humidity	< 90%		
Operati	ng Temperature	-10℃ ~ 55℃		
CDMA980		block zones,reduce *Compact size, low cover.	v consumption, easy installation, great r1500 m ² without block or obstruct.	



SPECIFICATION KW27A-WCDMA

KW2/A-WCDMA				
Ele	ctrical 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	
Д	utomatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodul	9KHz~1GHz		≤ -36 dBm	
ation Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
No	oise 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	
	Mec	hanical Specificat	tion	
	RF Connector		N-Female	
	Cooling	Heatsink Convection cooling		
D	imensions (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
	Installation Type	Wall Installation		
E	nvironment Conditions	IP40		
	Humidity	< 90%		
C	perating Temperature	-10℃ ~ 55℃		
- COM 580		zones,reduce drop/c *Compact size, low of	consumption, easy installation, great cover 500 m² without block or obstruct.	



SPECIFICATION KW27A-DCS

KW27A-DCS				
Electric	al 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	
Autom	atic Gain Control		>20dB	
Ri	pple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise F	igure @ max. gain		≤ 6 dB	
	VSWR		≤3	
	MTBF		>50000 hours	
P	ower Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Powe	er Comsumption		< 20W	
ı	Impedance		50 ohm	
	Med	hanical Specification	ation	
R	F Connector		N-Female	
	Cooling	He	eatsink Convection cooling	
Dimens	sions (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
Ins	tallation Type	Wall Installation		
Enviro	nment Conditions		IP40	
	Humidity	< 90%		
Opera	ting Temperature	-10℃ ~ 55℃		
2 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		zones,reduce drop/ *Compact size, low	consumption, easy installation, great cover. 1500 m² without block or obstruct.	



SPECIFICATION KW27A-GW

		KWZ/A-GW		
Elec	trical 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	V	Vide Band	
Aı	utomatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodul	9KHz~1GHz	<u> </u>	≤ -36 dBm	
ation Products	1GHz~12.75GHz	<u> </u>	≤ -30 dBm	
Spurious	9KHz~1GHz	<u> </u>	≤ -36 dBm	
Emission	1GHz~12.75GHz	\$	≤ -30 dBm	
Noi	se Figure @ max. gain		≤ 6 dB	
	VSWR		≤ 3	
	MTBF	>:	>50000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
F	Power Comsumption	< 20W		
	Impedance		50 ohm	
	Me	echanical Specification		
	RF Connector		N-Female	
	Cooling	Heatsink Convection cooling		
Di	mensions (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
	Installation Type	Wall Installation		
Er	nvironment Conditions		IP40	
	Humidity		< 90%	
0	perating Temperature	-10℃ ~ 55℃		
Mary		zones,reduce drop/off calls.		



SPECIFICATION KW27A-GD

KW27A-GD				
Electric	al 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	1	Vide Band	
Autom	atic Gain Control		>20dB	
Ri	pple in Band		≤5 dB	
Intermodulatio	9KHz~1GHz	\$	≤ -36 dBm	
n Products	1GHz~12.75GHz	\$	≤ -30 dBm	
Spurious	9KHz~1GHz	\$	≤ -36 dBm	
Emission	1GHz~12.75GHz	\$	≤ -30 dBm	
Noise F	igure @ max. gain		\leqslant 6 dB	
	VSWR		≤3	
	MTBF	>	50000 hours	
Р	ower Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Powe	er Comsumption	< 20W		
	Impedance		50 ohm	
	N	lechanical Specification	1	
R	F Connector		N-Female	
	Cooling	Heatsink	Heatsink Convection cooling	
Dimen	sions (D x W xH)	200*110*25 (mm)		
	Weight	1Kg		
Ins	tallation Type	Wall Installation		
Enviro	nment Conditions	IP40		
	Humidity	< 90%		
Opera	ting Temperature	-10℃ ~ 55℃		
		zones,reduce drop/off calls.		



SPECIFICATION KW3UV-G6W

		KW30A-GSM		
Electrica	Specification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Out	put Power	10 ±2dBm	30 ±2dBm	
	Gain	70 dB	70 dB	
Ва	andwidth		Wide Band	
Automat	ic Gain Control		>20dB	
Ripp	ole in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Carriera Fasianian	9KHz~1GHz		≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	ure @ max. gain		≤ 6 dB	
,	VSWR		≤3	
	MTBF	>50000 hours		
Pov	ver Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Im	pedance	50 ohm		
	Mec	hanical Specification		
RF	Connector	N-Female		
(Cooling	Heatsink Convection cooling		
Dimensio	ons (D x W xH)	200*110*25 (mm)		
,	Weight	1Kg		
Insta	llation Type	Wall Installation		
Environn	nent Conditions	IP40		
Humidity		< 90%		
Operatin	g 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

KW10B-GSM				
Electrical S	pecification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Output	Power	10 ±2dBm	10 ±2dBm	
Ga	ain	60 dB	60 dB	
Band	width	Wide	Band	
Ripple	in Band	€!	5dB	
Intermodulation	9KHz~1GHz	≤ -36	3 dBm	
Products	1GHz~12.75GHz	≤ -30) dBm	
Spurious Emission	9KHz~1GHz	≤ -36	3 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -30) dBm	
Noise Figure	@ max. gain	€ 6	3 dB	
VS	WR	<	€2	
МТ	BF	>5000	0 hours	
Power	Supply	AC: 90~265V, 50/ 60Hz; DC: 5V 2A		
Power Co	msumption	< 10W		
Impe	dance	50 ohm		
	Mechan	nical Specification		
RF Co	nnector	N-Fe	emale	
Cod	oling	Heatsink Conv	vection cooling	
Dimensions	(D x W xH)	145*120*3	30 (mm)	
We	ight	1.2Kg		
Installat	ion Type	Wall Installation		
Environmen	t Conditions	IP40		
Hum	nidity	< 90%		
Operating T	emperature	-10℃ ~ 55℃		
		block zones,reduce drop/off	ption, easy installation, great rithout block or obstruct.	



SPECIFICATION KW14B-GW

KW 14B-GW				
Electrica	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	
Ва	andwidth		Wide Band	
Automat	ic Gain Control		>20dB	
Ripp	ole in Band		≤5dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	ure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF	>50000 hours		
Pov	ver Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Im	pedance	50 ohm		
		Mechanical Specificat	ion	
RF	Connector	N-Female		
	Cooling	Heatsink Convection cooling		
Dimensio	ons (D x W xH)	200*120*40 (mm)		
,	Weight	2Kg		
Insta	llation Type	Wall Installation		
Environn	nent Conditions	IP40		
H	lumidity	< 90%		
Operatin	g Temperature	-10℃ ~ 55℃		
		Product Feature: *Provide quick coverage solution drop/off calls. *Compact size, low consumption *Cover about 100~1000 m² withor *Reduce cellphone transmit pow	out block or obstruct.	



SPECIFICATION KW14B-GD

		KW14B-GD	
Electrical	Specification	Uplink	Downlink
Frequency Range		890 ~ 915/ 1710~1785 MHz	935 ~ 960/1805 ~ 1880 MHz
Outp	ut Power	10 ±2dBm	14 ±2dBm
(Gain	60 dB	60 dB
Bar	ndwidth	V	/ide Band
Automatic	Gain Control		>20dB
Ripple	e in Band		≤5 dB
Intermodulation	9KHz~1GHz	\	-36 dBm
Products	1GHz~12.75GHz		-30 dBm
Spurious	9KHz~1GHz	\	-36 dBm
Emission	1GHz~12.75GHz		-30 dBm
Noise Figur	re @ max. gain		≤ 6 dB
V	SWR		€2
N	1TBF	>50000 hours	
Powe	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power C	omsumption	< 20W	
Imp	edance	50 ohm	
		Mechanical Specification	1
RF C	connector	N-Female	
C	ooling	Heatsink Convection cooling	
Dimension	ns (D x W xH)	200*120*30 (mm)	
W	/eight		1.5Kg
Installa	ation Type	Wall Installation	
Environme	ent Conditions	IP40	
Hu	ımidity	< 90%	
Operating	Temperature	-10℃ ~ 55℃	
and the second s		Product Feature: *Provide quick coverage solutio zones,reduce drop/off calls. *Compact size, low consumptio: *Cover about 100~1000 m² with *Reduce cellphone transmit pov	n, easy installation, great cover. out block or obstruct.



SPECIFICATION KW17B-GSM

KW17B-GSM				
Elect	trical 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	
Au	tomatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodul	9KHz~1GHz		≤ -36 dBm	
ation Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Nois	se Figure @ max. gain		\leqslant 6 dB	
	VSWR		€2	
	MTBF	>50000 hours		
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
P	ower Comsumption	< 20W		
	Impedance	50 ohm		
	Me	chanical Specif	ication	
	RF Connector	N-Female		
	Cooling	Heatsink Convection cooling		
Din	nensions (D x W xH)	200*120*30 (mm)		
	Weight	1.2Kg		
	Installation Type	Wall Installation		
Env	vironment Conditions		IP40	
	Humidity	< 90%		
Ор	erating Temperature		-10℃ ~ 55℃	
Operating Temperature		zones,reduce drop *Compact size, low	consumption, easy installation, great cover. 1500 m² without block or obstruct.	



SPECIFICATION KW17R-WCDMA

		KW17B-WCDM	Α
Electrical	Specification	Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm	17 ±2dBm
(Gain	65 dB	65 dB
Baı	ndwidth		Wide Band
Automatio	Gain Control		>20dB
Rippl	e in Band		≤5 dB
Intermodulation	9KHz~1GHz		≤ -36 dBm
Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	1GHz~12.75GHz		≤ -30 dBm
Noise Figu	re @ max. gain		≤ 6 dB
V	SWR		≤2
N	MTBF	>50000 hours	
Powe	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power C	comsumption	< 20W	
Imp	edance		50 ohm
	Me	echanical Specifica	ation
RF C	Connector		N-Female
C	ooling	Heatsink Convection cooling	
Dimension	ns (D x W xH)	200*120*30 (mm)	
V	/eight	1.2Kg	
Install	ation Type	Wall Installation	
Environme	ent Conditions	IP40	
Нι	umidity	< 90%	
Operating	Temperature	-10℃ ~ 55℃	
Mobile Signal Booster Press ULP DLP		zones,reduce drop/off *Compact size, low co	nsumption, easy installation, great cover. 10 m² without block or obstruct.



SPECIFICATION KW17B-CDMA

KW17B-CDMA				
Electric	al 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	
Autom	atic Gain Control		>20dB	
Ri	pple in Band		≤5 dB	
Intermodulatio	9KHz~1GHz		≤ -36 dBm	
n Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise F	igure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF		>50000 hours	
P	ower Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Powe	er Comsumption	< 20W		
	Impedance	50 ohm		
	N	lechanical Sp	ecification	
R	F Connector		N-Female	
	Cooling	Heatsink Convection cooling		
Dimens	sions (D x W xH)	200*120*30 (mm)		
	Weight	1.2Kg		
Ins	tallation Type	Wall Installation		
Enviro	nment Conditions	IP40		
	Humidity	< 90%		
Opera	ting Temperature	-10℃ ~ 55℃		
Mobile Signal Booster Press SJ.P. DL.P.		zones,reduce dro *Compact size, le	overage solution for small signal weak & block op/off calls. ow consumption, easy installation, great cover. 0~1500 m² without block or obstruct.	



SPECIFICATION KW20B-GSM

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	
Ва	andwidth		Wide Band	
Automat	ic Gain Control		>20dB	
Ripp	ole in Band		≤ 5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	ure @ max. gain		≤ 6 dB	
,	VSWR		≤2	
	MTBF	>50000 hours		
Pow	ver Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
lm	pedance		50 ohm	
	M	echanical Specificati	on	
RF	Connector		N-Female	
	Cooling	Heatsink Convection cooling		
Dimensio	ons (D x W xH)	200*120*30 (mm)		
,	Weight	1.2Kg		
Insta	llation Type	Wall Installation		
Environn	nent Conditions	IP40		
H	lumidity	< 90%		
Operatin	g Temperature	-10℃ ~ 55℃		
Mobile Signal Booster Private U.U.P. DL.P.		zones,reduce drop/off call *Compact size, low consu	mption, easy installation, great cover. n² without block or obstruct.	



SPECIFICATION KW20B-WCDMA

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		
Ва	andwidth		Wide Band		
Automati	ic Gain Control		>20dB		
Ripp	ole in Band		≤5 dB		
Intermodulation	9KHz~1GHz		≤ -36 dBm		
Products	1GHz~12.75GHz		≤ -30 dBm		
Spurious	9KHz~1GHz		≤ -36 dBm		
Emission	1GHz~12.75GHz		≤ -30 dBm		
Noise Figu	ure @ max. gain		≤ 6 dB		
,	VSWR		≤2		
	MTBF	>50000 hours			
Pow	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A			
Power (Comsumption	< 20W			
Impedance			50 ohm		
	M	echanical Specificati	on		
RF Connector			N-Female		
(Cooling	Heatsink Convection cooling			
Dimensio	ons (D x W xH)	200*120*30 (mm)			
1	Weight	1.2Kg			
Instal	llation Type	Wall Installation			
Environm	nent Conditions	IP40			
Н	lumidity	< 90%			
Operatin	g Temperature	-10℃ ~ 55℃			
Mobile Signal Booster Free! CASP. CL.IP.		zones,reduce drop/off call *Compact size, low consu	mption, easy installation, great cover. n² without block or obstruct.		



SPECIFICATION KW20B-PCS

KW20B-PCS				
Electric	cal 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	
Auton	natic Gain Control		>20dB	
R	ipple in Band		≤5 dB	
Intermodulati	9KHz~1GHz		≤ -36 dBm	
on Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise F	igure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF	>50000 hours		
F	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Pow	er Comsumption	< 20W		
	Impedance	50 ohm		
	Me	chanical Specifi	cation	
F	RF Connector	N-Female		
	Cooling	Heatsink Convection cooling		
Dimer	nsions (D x W xH)	200*120*30 (mm)		
	Weight	1.2Kg		
Ins	stallation Type	Wall Installation		
Enviro	onment Conditions		IP40	
	Humidity	< 90%		
Opera	ating Temperature	-10℃ ~ 55℃		
Operating Temperature		zones,reduce drop/o *Compact size, low	consumption, easy installation, great cover. 500 m² without block or obstruct.	



SPECIFICATION KW20B-DCS

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		
Auton	natic Gain Control	>20dB		
R	Ripple in Band		≤5dB	
Intermodul	9KHz~1GHz		≤ -36 dBm	
ation Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise F	igure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF		>50000 hours	
F	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Pow	er Comsumption	< 20W		
	Impedance	50 ohm		
		Mechanical Specifi	cation	
RF Connector			N-Female	
Cooling		Heatsink Convection cooling		
Dimensions (D x W xH)		200*120*30 (mm)		
	Weight	1.2Kg		
In	stallation Type	Wall Installation		
Enviro	onment Conditions		IP40	
	Humidity	< 90%		
Opera	ating Temperature	-10℃ ~ 55℃		
		zones,reduce drop/off c *Compact size, low con	sumption, easy installation, great cover. om² without block or obstruct.	



SPECIFICATION

KW23B-GSM

KW23B-GSM					
Electrical S	pecification	Uplink	Downlink		
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz		
Output Power		10 ±2dBm	23 ±2dBm		
Ga	ain	70 dB 70 dB			
Band	width	Wide Band			
Ripple	in Band	≤ !	5dB		
Intermodulation	9KHz~1GHz	≤ -36	3 dBm		
Products	1GHz~12.75GHz	≤ -30) dBm		
Spurious Emission	9KHz~1GHz	≤ -36	3 dBm		
Spurious Emission	1GHz~12.75GHz	≤ -30) dBm		
Noise Figure	@ max. gain	$\leqslant 6$	3 dB		
VS	WR	\$	<u>{</u> 2		
МТ	BF	>5000	0 hours		
Power	Supply	AC: 90~265V, 50/	AC: 90~265V, 50/ 60Hz; DC: 5V 2A		
Power Cor	msumption	< 10W			
Impe	dance	50 ohm			
	Mechan	ical Specification			
RF Connector		N-Fe	male		
Cooling		Heatsink Conv	vection cooling		
Dimensions (D x W xH)		200*120*3	30 (mm)		
Weight		1.3Kg			
Installat	ion Type	Wall Installation			
Environmen	t Conditions	IP40			
Hum	nidity	< 90%			
Operating T	emperature	-10℃	~ 55°C		
Mobile Signal Booster Power ULIP DLIP		Product Feature: *Provide quick coverage sol block zones,reduce drop/off *Compact size, low consum cover. *Cover about 100~2500 m² *Reduce cellphone transmit	calls. otion, easy installation, great without block or obstruct.		



SPECIFICATION

KW33B-GSM

KW33B-G5W				
Electri	ical 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		
Auto	matic Gain Control		>20dB	
Ī	Ripple in Band		≤5 d B	
Intermodulatio	9KHz~1GHz		≤ -36 dBm	
n Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	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		
Pov	ver Comsumption	< 20W		
Impedance			50 ohm	
Mech		nanical Specific	ation	
RF Connector			N-Female	
Cooling		Heatsink Convection cooling		
Dime	nsions (D x W xH)	420*275*70 (mm)		
	Weight	7.5Kg		
Ir	nstallation Type	Wall Installation		
Envir	onment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
un'		zones,reduce drop. *Compact size, low	consumption, easy installation, great cover. 10000 m² without block or obstruct.	



SPECIFICATION KW33B-DCS

KW33B-DC5				
Electrical Specification		Uplink	Downlink	
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz	
Output Power		10 ±2dBm	33 ±2dBm	
	Gain	85 dB	85 dB	
В	andwidth	Wide Band		
Automa	tic Gain Control		>20dB	
Rip	ple in Band		≤5 dB	
Intermodulation	9KHz~1GHz	≤ -36 dBm		
Products	1GHz~12.75GHz	<	≤ -30 dBm	
Spurious	9KHz~1GHz	\$	≤ -36 dBm	
Emission	1GHz~12.75GHz	\$	≤ -30 dBm	
Noise Fig	ure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF	>!	50000 hours	
Pov	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Impedance			50 ohm	
Mec		hanical Specification		
RF Connector			N-Female	
Cooling		Heatsink Convection cooling		
Dimensions (D x W xH)		420*275*70 (mm)		
	Weight	7.5Kg		
Insta	allation Type	Wall Installation		
Environr	ment Conditions	IP40		
ŀ	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/off calls.		



SPECIFICATION KW33B-WCDMA

KW33B-WCDIVIA			
Electrical Specification		Uplink	Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output	Power	10 ±2dBm	33 ±2dBm
Ga	ain	85 dB	85 dB
Band	width	Wide Band	
Automatic 0	Gain Control	>20dB	
Ripple i	in Band		≤5 dB
Intermodulation	9KHz~1GHz	≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm
Carriera Fasicaia a	9KHz~1GHz		≤ -36 dBm
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm
Noise Figure	@ max. gain		≤ 6 dB
VS	WR		≤2
MT	BF		>50000 hours
Power	Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Cor	nsumption	< 20W	
Imped	dance		50 ohm
Mec		hanical Specification	on
RF Connector			N-Female
Cod	oling	Heatsink Convection cooling	
Dimensions (D x W xH)		420*275*70 (mm)	
We	ight	7.5Kg	
Installati	on Type	Wall Installation	
Environmen	t Conditions	IP40	
Hum	nidity	< 90%	
Operating T	emperature	-10℃ ~ 55℃	
		zones,reduce drop/off or *Compact size, low cor	nsumption, easy installation, great cover. 00 m² without block or obstruct.



SPECIFICATION KW33R-GSM-O

KW33B-GSM-O				
Electric	al Specification	Uplink	Downlink	
Fred	quency Range	890 ~ 915 MHz	935 ~ 960 MHz	
0	Output Power		33 ±2dBm	
	Gain	85 dB	85 dB	
ı	Bandwidth		Wide Band	
Autom	atic Gain Control		>20dB	
Ri	pple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fi	gure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF	>50000 hours		
Po	ower Supply	AC: 90~2	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Powe	r Comsumption		< 20W	
Impedance			50 ohm	
	Med	hanical Specification	on	
RF Connector			N-Female	
Cooling		Heatsink Convection cooling		
Dimens	sions (D x W xH)	350*320*150 (mm)		
	Weight	10Kg		
Ins	tallation Type	Wall Installation		
Enviror	nment Conditions	IP40		
Humidity		< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/off	ge solution for small signal weak & block calls. nsumption, easy installation, great cover.	



- Compact size, low consumption, easy installation, great cover.
- *Cover about 100~15000 m² without block or obstruct.
- *Reduce cellphone transmit pow



SPECIFICATION KW40A-DCS

		KW40A-DCS		
Electr	ical 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	
Auto	matic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodulatio	9KHz~1GHz	≤ -36 dBm		
n Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	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		
Pov	wer Comsumption	< 20W		
Impedance			50 ohm	
	Med	chanical Specification		
RF Connector			N-Female	
Cooling		Heatsir	nk Convection cooling	
Dimensions (D x W xH)		400	*300*220 (mm)	
	Weight	7Kg		
I	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/off calls	nption, easy installation, great cover. n² without block or obstruct.	



SPECIFICATION KW33B-WCDMA-O

KW33B-WCDMA-O				
Electrica	al Specification	Uplink	Downlink	
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz	
Output Power		10 ±2dBm	33 ±2dBm	
	Gain	85 dB	85 dB	
Е	Bandwidth		Wide Band	
Automa	atic Gain Control		>20dB	
Rip	pple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Caurious Fraissian	9KHz~1GHz		≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	gure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF		>50000 hours	
Po	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Impedance			50 ohm	
Mecha		anical Specifica	ation	
RF Connector			N-Female	
Cooling		ŀ	Heatsink Convection cooling	
Dimensions (D x W xH)		350*320*150 (mm)		
	Weight	10Kg		
Inst	allation Type	Wall Installation		
Environ	ment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop *Compact size, lov	w consumption, easy installation, great cover. ~15000 m² without block or obstruct.	



SPECIFICATION KW37R-GSM-O

KW37B-GSM-O			
Electri	ical 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	
Auto	matic Gain Control	>20dB	
ı	Ripple in Band		≤5 dB
Intermodulati	9KHz~1GHz		≤ -36 dBm
on Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	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	
Pov	ver Comsumption		< 20W
Impedance			50 ohm
	Mecha	anical Specifica	ation
RF Connector			N-Female
Cooling		Hea	atsink Convection cooling
Dimensions (D x W xH)		500*400*250 (mm)	
	Weight	25Kg	
Ir	nstallation Type	Wall Installation	
Envir	onment Conditions	IP40	
	Humidity	< 90%	
Oper	rating Temperature	-10℃ ~ 55℃	
		block zones,reduc *Compact size, lov cover.	w consumption, easy installation, great ~20000 m² without block or obstruct.



SPECIFICATION KW10C-GSM

KW10C-GSM				
Electrica	al Specification	Uplink	Downlink	
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz	
Οι	itput Power	10 ±2dBm	10 ±2dBm	
	Gain	60 dB	60 dB	
E	Bandwidth	Wide Band		
Automa	tic Gain Control		>20dB	
Rip	ple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	gure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF	>50000 hours		
Po	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Impedance			50 ohm	
	Mech	nanical Specificat	ion	
RF Connector			N-Female	
Cooling		Heatsink Convection cooling		
Dimensions (D x W xH)		141*90*21 (mm)		
	Weight	0.5Kg		
Inst	allation Type	Wall Installation		
Environ	ment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
2		zones,reduce drop/o *Compact size, low o	consumption, easy installation, great cover. 00 m² without block or obstruct.	



SPECIFICATION KW10C-WCDMA

KW10C-WCDMA				
Electrica	I Specification	Uplink	Downlink	
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz	
Ou	Output Power		10 ±2dBm	
	Gain	60 dB	60 dB	
В	andwidth	Wide Band		
Automa	tic Gain Control	>20dB		
Rip	ple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Carriero Fasiacian	9KHz~1GHz		≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	ure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF		>50000 hours	
Po	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	Comsumption	< 20W		
Impedance			50 ohm	
Mech		nanical Specifica	ation	
RF Connector			N-Female	
Cooling		F	Heatsink Convection cooling	
Dimensi	ons (D x W xH)	141*90*21 (mm)		
	Weight	0.5Kg		
Insta	allation Type	Wall Installation		
Environi	ment Conditions	IP40		
I	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/ *Compact size, low	consumption, easy installation, great cover. 500 m² without block or obstruct.	



SPECIFICATION KW10C-DCS

		KW10C-DCS		
Electrica	Electrical Specification		Downlink	
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz	
Output Power		10 ±2dBm	10 ±2dBm	
Gain		60 dB	60 dB	
E	Bandwidth		Wide Band	
Automa	atic Gain Control		>20dB	
Rip	ople in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Fi	gure @ max. gain		≤ 6 dB	
	VSWR		€2	
	MTBF	>50000 hours		
Po	ower Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power	r Comsumption		< 20W	
lı	mpedance		50 ohm	
	Med	hanical Specificat	tion	
RI	- Connector		N-Female	
	Cooling	Heatsink Convection cooling		
Dimens	ions (D x W xH)	141*90*21 (mm)		
	Weight	0.5Kg		
Inst	allation Type	Wall Installation		
Environ	ment Conditions	IP40		
	Humidity	< 90%		
Operati	ing Temperature	-10℃ ~ 55℃		
8		zones,reduce drop/off *Compact size, low co	onsumption, easy installation, great cover. 0 m² without block or obstruct.	



SPECIFICATION KW10C-GD

KW10C-GD					
Electrical S	pecification	Uplink	Downlink		
Frequency Range		890 ~ 915/1710 ~ 1785 MHz 935 ~ 960 /1805 ~ 188			
Output Power		10 ±2dBm 10 ±2dBm			
Ga	ain	60 dB	65dB		
Band	width	Wide	Band		
Automatic (Gain Control	>2	0dB		
Ripple	in Band	≤{	BdB		
Intermodulation	9KHz~1GHz	≤ -30	6 dBm		
Products	1GHz~12.75GHz	≤ -30	O dBm		
Occuriants Environment	9KHz~1GHz	≤ -30	6 dBm		
Spurious Emission	1GHz~12.75GHz	≤ -30	O dBm		
Noise Figure	@ max. gain	€ (3 dB		
VS	WR	<	€2		
MT	BF	>5000	0 hours		
Power	Supply	AC: 90~265V, 50/ 60Hz; DC: 9V 2A			
Power Cor	nsumption	< 10W			
Impe	dance	50 ohm			
	Mech	anical Specification	anical Specification		
RF Co	nnector	N-Fe	emale		
Cod	oling	Heatsink Convection cooling			
Dimensions	(D x W xH)	210*135*60 (mm)			
We	ight	2Kg			
Installati	on Type	Wall Installation			
Environmen	t Conditions	IP40			
Hum	nidity	< 9	90%		
Operating T	emperature	-10℃ ~ 55℃			
	22	Product Feature: *Provide quick coverage soluti block zones,reduce drop/off ca *Compact size, low consumpticover. *Cover about 100~500 m² with *Reduce cellphone transmit po	alls. on, easy installation, great out block or obstruct.		



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
Autom	atic Gain Control		>20dB
Ri	pple in Band		≤5 d B
Intermodulation	9KHz~1GHz		≤ -36 dBm
Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	1GHz~12.75GHz		≤ -30 dBm
Noise F	igure @ max. gain		≤ 6 dB
	VSWR		≤2
	MTBF		>50000 hours
Р	ower Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Powe	er Comsumption	< 20W	
	Impedance		50 ohm
		Mechanical Specification	on
R	F Connector		N-Female
	Cooling	Heatsink Convection cooling	
Dimen	sions (D x W xH)	210*135*60 (mm)	
	Weight	2Kg	
Ins	tallation Type	Wall Installation	
Enviro	nment Conditions	IP40	
	Humidity	< 90%	
Opera	ting Temperature	-10℃ ~ 55℃	
99		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 m² without block or obstruct. *Reduce cellphone transmit pow	



SPECIFICATION KW17C-GSM

	ľ	(W17C-GSM	
Electric	cal 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
Auton	natic Gain Control		>20dB
R	lipple in Band		≤5dB
Intermodulation	9KHz~1GHz		≤ -36 dBm
Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	1GHz~12.75GHz		≤ -30 dBm
Noise F	igure @ max. gain		≤ 6 dB
	VSWR		€2
	MTBF	>50000 hours	
F	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Pow	er Comsumption	< 20W	
	Impedance		50 ohm
	Mecha	anical Specifica	ation
F	RF Connector	N-Female	
	Cooling	Heatsink Convection cooling	
Dimer	nsions (D x W xH)	141*90*21 (mm)	
	Weight	0.5Kg	
In	stallation Type	Wall Installation	
Enviro	onment Conditions	IP40	
	Humidity	< 90%	
Opera	ating Temperature	-10℃ ~ 55℃	
		zones,reduce dro *Compact size, lo	w consumption, easy installation, great cover. ~1000 m² without block or obstruct.



SPECIFICATION KW17C-DCS

KW17C-DC3				
Elec	trical Specification	Uplink	Downlink	
	Frequency Range		1805 ~ 1880 MHz	
	Output Power	10 ±2dBm 17 ±2dBm		
	Gain	60 dB	60 dB	
	Bandwidth		Wide Band	
Αι	itomatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Nois	se Figure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF		>50000 hours	
	Power Supply	AC: 90~	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
F	Power Comsumption		< 20W	
	Impedance		50 ohm	
	Mecha	nical Specification		
	RF Connector		N-Female	
	Cooling	Hea	Heatsink Convection cooling	
Dir	mensions (D x W xH)		141*90*21 (mm)	
	Weight		0.5Kg	
	Installation Type		Wall Installation	
En	Environment Conditions		IP40	
	Humidity		< 90%	
Op	perating Temperature		-10℃ ~ 55℃	
		zones,reduce drop/or *Compact size, low or	onsumption, easy installation, great cover. 000 m² without block or obstruct.	



SPECIFICATION KW17C-WCDMA

	T\ V	V17C-WCDMA	L Company of the Comp
Electr	Electrical Specification		Downlink
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz
Output Power		10 ±2dBm 17 ±2dBm	
Gain		60 dB 60 dB	
	Bandwidth		Wide Band
Auto	omatic Gain Control		>20dB
	Ripple in Band		≤5 d B
Intermodulation	9KHz~1GHz		≤ -36 dBm
Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	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	
Ро	wer Comsumption	< 20W	
	Impedance	50 ohm	
	Mecha	nical Specificat	ion
	RF Connector		N-Female
	Cooling	Heatsink Convection cooling	
Dime	ensions (D x W xH)	141*90*21 (mm)	
	Weight	0.5Kg	
I	nstallation Type	Wall Installation	
Envi	ronment Conditions	IP40	
	Humidity	< 90%	
Оре	rating Temperature	-10℃ ~ 55℃	
8		zones,reduce drop/ *Compact size, low	consumption, easy installation, great cover. 1000 m² without block or obstruct.



SPECIFICATION KW20C-GSM

		NVVZUC-GSIVI	
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
Auto	omatic Gain Control		>20dB
	Ripple in Band		≤5 dB
Intermodulatio	9KHz~1GHz		≤ -36 dBm
n Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	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	
Po	wer Comsumption	< 20W	
	Impedance		50 ohm
	Mecl	nanical Specification	
	RF Connector	N-Female	
	Cooling	Heatsink Convection cooling	
Dime	ensions (D x W xH)	250*145*53 (mm)	
	Weight	2.5Kg	
I	nstallation Type	Wall Installation	
Envi	ronment Conditions		IP40
	Humidity		< 90%
Оре	rating Temperature	-10℃ ~ 55℃	
		zones,reduce drop/off cal *Compact size, low consu	umption, easy installation, great cover. n² without block or obstruct.



SPECIFICATION KM30C-DCS

		KW20C-DCS	
Electrica	al Specification	Uplink	Downlink
Frequency Range		1710~1785 MHz	1805 ~ 1880 MHz
Output Power		10 ±2dBm	20 ±2dBm
	Gain	70 dB	70 dB
E	Bandwidth		Wide Band
Automa	atic Gain Control		>20dB
Rip	ople in Band		≤5 dB
Intermodulation	9KHz~1GHz		≤ -36 dBm
Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	1GHz~12.75GHz		≤ -30 dBm
Noise Fi	gure @ max. gain		≤ 6 dB
	VSWR	≤ 2	
	MTBF	>50000 hours	
Po	ower Supply	AC: 9	0~265V, 50/ 60Hz; DC: 12V 3A
Powe	r Comsumption		< 20W
li	mpedance	50 ohm	
	Mec	hanical Specific	ation
RI	F Connector	N-Female	
	Cooling	Heatsink Convection cooling	
Dimens	sions (D x W xH)	250*145*53 (mm)	
	Weight	2.5Kg	
Inst	allation Type	Wall Installation	
Environ	ment Conditions	IP40	
Humidity		< 90%	
Operat	ing Temperature	-10℃ ~ 55℃	
		Product Feature: *Provide quick cove	erage solution for small signal weak & block foff calls.



- 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

	K	W20C-WCDMA		
Electrica	al Specification	Uplink	Downlink	
Frequency Range		1920~1980 MHz	2110 ~ 2170 MHz	
Output Power		10 ±2dBm	20 ±2dBm	
	Gain	70 dB	70 dB	
В	sandwidth		Wide Band	
Automa	tic Gain Control		>20dB	
Rip	ple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Parriaria Francia a	9KHz~1GHz		≤ -36 dBm	
Spurious Emission –	1GHz~12.75GHz		≤ -30 dBm	
Noise Fig	gure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF		>50000 hours	
Po	wer Supply	AC: 90~	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power	Comsumption		< 20W	
In	npedance		50 ohm	
	Мес	hanical Specificatio	n	
RF	Connector		N-Female	
	Cooling	Heatsink Convection cooling		
Dimensi	ions (D x W xH)	250*145*53 (mm)		
	Weight	2.5Kg		
Insta	allation Type		Wall Installation	
Environ	ment Conditions		IP40	
ı	Humidity		< 90%	
Operati	ng Temperature	-10℃ ~ 55℃		
		zones,reduce drop/off *Compact size, low co	nsumption, easy installation, great cover. 10 m² without block or obstruct.	



SPECIFICATION KW20C-GD

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	
Ва	ndwidth	,	Vide Band	
Automatio	c Gain Control		>20dB	
Rippl	le in Band		≤5 dB	
Intermodulation	9KHz~1GHz	<	≤ -36 dBm	
Products	1GHz~12.75GHz	\$	≤ -30 dBm	
	9KHz~1GHz	× ×	≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz	× ×	≤ -30 dBm	
Noise Figu	re @ max. gain		≤ 6 dB	
V	/SWR		€2	
N	MTBF	>50000 hours		
Pow	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power C	Comsumption	< 20W		
Imp	pedance		50 ohm	
	Me	echanical Specification		
RF (Connector		N-Female	
C	Cooling	Heatsink Convection cooling		
Dimensio	ns (D x W xH)	145*250*53 (mm)		
V	Veight	2.8Kg		
Install	ation Type	Wall Installation		
Environm	ent Conditions	IP40		
Hi	umidity	< 90%		
Operating	g 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 KW24C-GDW

		KW24C-GDW		
Electrical	Specification	Uplink	Downlink	
Frequency Range		890 ~ 915/1710~1785/1920~1980 MHz	935 ~ 960 /1805 ~ 1880/2110~2170 MHz	
Outpo	ut Power	15 ±2dBm	24 ±2dBm	
(Gain	70 dB	70 dB	
Bar	ndwidth	Wic	de Band	
Automatic	Gain Control	>	20dB	
Ripple	e in Band	<	≤5 dB	
Intermodulation	9KHz~1GHz	≤ -	36 dBm	
Products	1GHz~12.75GHz	≤ -	30 dBm	
Caurious Emission	9KHz~1GHz	≤ -	36 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -	30 dBm	
Noise Figur	e @ max. gain	<	€ 6 dB	
V	SWR		≤2	
N	ITBF	>50000 hours		
Powe	er Supply	AC: 90~265V, 50/60Hz; DC: 12V 3A		
Power C	omsumption	< 20W		
Imp	edance	50	0 ohm	
		Mechanical Specification		
RF C	onnector	N-I	N-Female	
C	ooling	Heatsink Convection cooling		
Dimension	s (D x W xH)	330*268*58 (mm)		
W	eight //	7Kg		
Installa	ation Type	Wall Installation		
Environme	ent Conditions		IP40	
Hu	midity	< 90%		
Operating	Temperature	-10℃ ~ 55℃		
		Product Feature: *Provide quick coverage solution for sr drop/off calls. *Compact size, low consumption, easy *Cover about 100~2500 m² without blo *Reduce cellphone transmit pow		



SPECIFICATION KW27C-GSM

RW27C-GSW				
Electrical S	pecification	Uplink	Downlink	
Frequency Range		890 ~ 915/1710 ~ 1785 MHz	935 ~ 960 /1805 ~ 1880 MHz	
Output Power		20 ±2dBm	27 ±2dBm	
Ga	ain	75 dB	75dB	
Band	width	Wide	Band	
Automatic 0	Sain Control	>2	20dB	
Ripple i	in Band	< <	5 dB	
Intermodulation	9KHz~1GHz	≤ -3	6 dBm	
Products	1GHz~12.75GHz	≤ -3	0 dBm	
Courious Emission	9KHz~1GHz	≤ -3	6 dBm	
Spurious Emission	1GHz~12.75GHz	≤ -3	0 dBm	
Noise Figure	@ max. gain	€	6 dB	
VS	WR	≤2		
MT	BF	>5000	00 hours	
Power	Supply	AC: 90~265V, 50/	60Hz; DC: 12V 3A	
Power Cor	msumption	< 20W		
Imped	dance	50 ohm		
	Mech	nanical Specification		
RF Co	nnector	N-Female		
Cod	oling	Heatsink Convection cooling		
Dimensions	(D x W xH)	250*145*53 (mm)		
We	ight	2.5Kg		
Installati	on Type	Wall Installation		
Environmen	t Conditions	IP40		
Hum	nidity	< 90%		
Operating T	emperature	-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

MODEL	KS200	C-CDMA,KS20C-GSM,KS20C-DCS		
Electrica	I Specification	Uplink	Downlink	
Frequency Range		The user specified		
Max.Gain		70 dB	70 dB	
В	andwidth	available upon repust	(1-2 selectable bands)	
Manua	al Gain Control	31dB in s	step of 1dB	
Automa	tic Gain Control	>2	20dB	
Rip	ple in Band	≤3dB(Typical)	
		± 400 KH	$z \le 50 \text{ dB}$	
Out	of Band Gain	± 600 KF	łz ≦40 dB	
Out	or band Gain	± 1 MHz	z ≦ 35 dB	
		± 5 MHz	z ≦ 25 dB	
Max. Input Po	wer Without Damage	0 (dBm	
Ou	tput Power	15 dBm	20 dBm	
Intermodulation	9KHz~1GHz	≦ -36 dBm	≦ -36 dBm	
Products	1GHz~12.75GHz	≦ -30 dBm	≦ -30 dBm	
Spurious Emission	9KHz~1GHz	≦ -36 dBm	≦ -36 dBm	
Sparious Emission	1GHz~12.75GHz	≦ -30 dBm	≦ -30 dBm	
Noise Fig	jure @ max. gain	≦6 dB	(Typical)	
R	eturn loss	≦-′	10 dB	
Ti	me Delay	≦4	.5 μs	
	MTBF	>50000 hours		
Pov	wer Supply	AC: 90~265V, 50/ 60Hz; DC: 9V 5A		
Power	Consumption	< 25W		
In	npedance	50 ohm		
	Mechan	ical 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		
Environ	ment Conditions	IP40		
ŀ	Humidity	< 90%		
Operatir	ng 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	C-CDMA,KS27C-GSM,KS27C-DCS		
Electrical	Specification	Uplink	Downlink	
Frequency Range		The user	specified	
Max.Gain		70 dB	75 dB	
Ва	andwidth	available upon repust	(1-2 selectable bands)	
Manual	Gain Control	31dB in s	tep of 1dB	
Automat	ic Gain Control	>2	20dB	
Ripp	ole in Band	≤3dB(Typical)	
		± 400 KH	$z \le 50 \text{ dB}$	
Out o	f Band Gain	± 600 KH	Iz ≦40 dB	
Out 0	i band Gain	± 1 MHz	: ≦ 35 dB	
		± 5 MHz	z ≦ 25 dB	
Max. Input Pov	wer Without Damage	0 0	dBm .	
Out	put Power	15 dBm	27 dBm	
Intermodulation	9KHz~1GHz	≦ -36 dBm	≦ -36 dBm	
Products	1GHz~12.75GHz	≦ -30 dBm	≦ -30 dBm	
Spurious Emission	9KHz~1GHz	≦ -36 dBm	≦ -36 dBm	
Opunous Emission	1GHz~12.75GHz	≦ -30 dBm	≦ -30 dBm	
Noise Figu	ure @ max. gain	≦6 dB	(Typical)	
Re	eturn loss	≦-1	10 dB	
Tir	ne Delay	≦4	.5 μs	
	MTBF	>5000	00 hours	
Pow	ver Supply	AC: 90~265V, 50/ 60Hz; DC: 9V 5A		
Power	Consumption	< 25W		
lm	pedance	50 ohm		
	Mechan	ical Specification		
RF	Connector	N-Fe	emale	
;	Switch	Power Switch、Manual Gain Control Switch		
(Cooling	Heatsink Convection cooling		
Dimensio	ons (D x W xH)	275*268*	58 (mm)	
\	Weight	<4.5 Kg		
Instal	llation Type	Wall Installation		
Environm	nent Conditions	IP40		
Н	lumidity	< 90%		
Operatin	g Temperature	-10℃	C~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

NW270-DC3				
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	
Auto	omatic Gain Control		>20dB	
	Ripple in Band		≤5 d B	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	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		
Po	wer Comsumption	< 20W		
	Impedance	50 ohm		
	Mecha	anical Specificat	ion	
	RF Connector		N-Female	
	Cooling		eatsink Convection cooling	
Dime	ensions (D x W xH)	250*145*53 (mm)		
	Weight	2.5Kg		
I	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/o *Compact size, low	consumption, easy installation, great cover. 6000 m² without block or obstruct.	



SPECIFICATION KW27C-WCDMA

	TV1	NZ/C-WCDINA		
Electr	ical 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	
Auto	matic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	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		
Pov	ver Comsumption		< 20W	
Impedance			50 ohm	
	Mech	anical Specificati	ion	
	RF Connector		N-Female	
	Cooling	ŀ	leatsink Convection cooling	
Dime	nsions (D x W xH)	250*145*53 (mm)		
	Weight	2.5Kg		
İr	nstallation Type		Wall Installation	
Envir	onment Conditions		IP40	
	Humidity		< 90%	
Орег	rating Temperature		-10℃ ~ 55℃	
		zones,reduce drop/ *Compact size, low	consumption, easy installation, great cover. 5000 m² without block or obstruct.	



SPECIFICATION KW27C-GD

KW27C-GD				
Electrical :	Specification	Uplink	Downlink	
Frequency Range		890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz	
Outpo	ut Power	20 ±2dBm	27 ±2dBm	
(Gain	75 dB	75 dB	
Ban	dwidth		Wide Band	
Automatic	Gain Control		>20dB	
Ripple	e in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious Emission	9KHz~1GHz		≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise Figur	e @ max. gain		\leqslant 6 dB	
V	SWR		€2	
N	ITBF		>50000 hours	
Powe	r Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Power Co	omsumption	< 20W		
Imp	edance		50 ohm	
	ľ	Mechanical Specification	n	
RF C	onnector		N-Female	
Co	ooling	Heatsink Convection cooling		
Dimension	s (D x W xH)	300*268*58 (mm)		
W	eight	4.5Kg		
Installa	ation Type		Wall Installation	
Environme	ent Conditions	IP40		
Hu	midity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/off calls.		



SPECIFICATION KW30C-GSM

KW30C-GSM				
Electri	cal Specification	Uplink	Downlink	
Fre	Frequency Range		935 ~ 960 MHz	
Output Power		20 ±2dBm	30 ±2dBm	
	Gain	85 dB	85 dB	
	Bandwidth		Wide Band	
Autor	natic Gain Control	>20dB		
F	Ripple in Band		≤5 dB	
Intermodulation	9KHz~1GHz		≤ -36 dBm	
Products	1GHz~12.75GHz		≤ -30 dBm	
Causiana Emissian	9KHz~1GHz		≤ -36 dBm	
Spurious Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise I	igure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF	>50000 hours		
F	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Pow	er Comsumption	< 20W		
	Impedance	50 ohm		
	Mech	anical Specifica	tion	
RF Connector			N-Female	
	Cooling	Heatsink Convection cooling		
Dimer	nsions (D x W xH)	305*268*53 (mm)		
	Weight	5Kg		
In	stallation Type	Wall Installation		
Enviro	onment 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 m² without block or obstruct. *Reduce cellphone transmit pow		



SPECIFICATION KW30C-GD

		KW30C-GD	
Electrical	Specification	Uplink	Downlink
Freque	ncy Range	890 ~ 915/1710~1785 MHz	935 ~ 960 /1805 ~ 1880 MHz
Output Power		20 ±2dBm	30 ±2dBm
(Gain	75 dB	75 dB
Bar	ndwidth	V	vide Band
Automatic	Gain Control		>20dB
Ripple	e in Band		≤5dB
Intermodulation	9KHz~1GHz		-36 dBm
Products	1GHz~12.75GHz	\$	-30 dBm
Courieus Emissies	9KHz~1GHz	\$	-36 dBm
Spurious Emission	1GHz~12.75GHz	\$	-30 dBm
Noise Figur	re @ max. gain		≤ 6 dB
V	SWR		€2
N	ITBF	>50000 hours	
Powe	er Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power C	omsumption	< 20W	
Imp	edance	50 ohm	
	Me	chanical Specification	
RF C	onnector	N-Female	
Cooling		Heatsink Convection cooling	
Dimension	is (D x W xH)	300*268*116 (mm)	
W	/eight	9Kg	
Installa	ation Type	Wall Installation	
Environme	ent Conditions	IP40	
Hu	midity	< 90%	
Operating Temperature		-10℃ ~ 55℃	
		zones,reduce drop/off calls.	



SPECIFICATION KW37C-GSM

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	
Auto	omatic Gain Control		>20dB	
	Ripple in Band		≤5 d B	
Intermodulatio	9KHz~1GHz		≤ -36 dBm	
n Products	1GHz~12.75GHz		≤ -30 dBm	
Spurious	9KHz~1GHz		≤ -36 dBm	
Emission	1GHz~12.75GHz		≤ -30 dBm	
Noise	e Figure @ max. gain		≤ 6 dB	
	VSWR		≤2	
	MTBF	>	>50000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Po	wer Comsumption	< 20W		
	Impedance		50 ohm	
	Mech	anical Specification		
	RF Connector	N-Female		
Cooling		Heatsink Convection cooling		
Dime	ensions (D x W xH)	340*450*175 (mm)		
	Weight	15Kg		
I	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Оре	erating Temperature	-10℃ ~ 55℃		
23		zones,reduce drop/off cal *Compact size, low consu	imption, easy installation, great cover. m² without block or obstruct.	



SPECIFICATION

CAR33-GSM

Fre	equency Range Output Power	Uplink 890 ~ 915 MHz	Downlink 935 ~ 960 MHz
	Output Power		935 ~ 960 MHz
C	•	00 + 0 - 10	
1	0-:-	33 ±2dBm	5±2dBm
	Gain	20 dB	20 dB
	Bandwidth		Wide Band
Auton	natic Gain Control		>20dB
R	tipple in Band		≤5 dB
Intermodulatio	9KHz~1GHz		≤ -36 dBm
n Products	1GHz~12.75GHz		≤ -30 dBm
Spurious	9KHz~1GHz		≤ -36 dBm
Emission	1GHz~12.75GHz		≤ -30 dBm
Noise F	igure @ max. gain		≤ 6 dB
	VSWR		≤3
	MTBF	>	>50000 hours
F	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Pow	er Comsumption	< 20W	
	Impedance		50 ohm
	Mech	anical Specification	
F	RF Connector	N-Female	
Cooling		Heatsink Convection cooling	
Dimer	nsions (D x W xH)	120*92*25 (mm)	
	Weight	0.5Kg	
Ins	stallation Type	Wall Installation	
Enviro	onment Conditions	IP40	
	Humidity	< 90%	
Opera	ating Temperature	-10℃ ~ 55℃	
		zones,reduce drop/off call	ımption, easy installation, great cover.



SPECIFICATION CAR33-GD

CAR33-GD				
Electr	rical 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	V	vide Band	
Auto	omatic Gain Control		>20dB	
	Ripple in Band		≤5 d B	
Intermodulatio	9KHz~1GHz	\(\left\)	€ -36 dBm	
n Products	1GHz~12.75GHz		€ -30 dBm	
Spurious	9KHz~1GHz	\$	€ -36 dBm	
Emission	1GHz~12.75GHz	S	€ -30 dBm	
Noise	Figure @ max. gain		≤ 6 dB	
	VSWR		≤3	
	MTBF	>5	60000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Po	wer Comsumption		< 20W	
	Impedance		50 ohm	
	Mec	hanical Specification		
	RF Connector	N	N-Female	
	Cooling	Heatsink Convection cooling		
Dime	ensions (D x W xH)	120*92*25 (mm)		
	Weight	0.5Kg		
I	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Оре	rating Temperature	-10℃ ~ 55℃		
		zones,reduce drop/off calls.	ution for small signal weak & block otion, easy installation, great cover. pow	



SPECIFICATION CAR33-CP

CAR33-CP				
Electi	rical 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	W	/ide Band	
Auto	omatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodulatio	9KHz~1GHz	<	-36 dBm	
n Products	1GHz~12.75GHz	<	-30 dBm	
Spurious	9KHz~1GHz	<	-36 dBm	
Emission	1GHz~12.75GHz	<	-30 dBm	
Noise	e Figure @ max. gain		≤ 6 dB	
	VSWR		≤ 3	
	MTBF	>5	0000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Ро	wer Comsumption	< 20W		
	Impedance		50 ohm	
	Mech	nanical Specification		
RF Connector		N	I-Female	
Cooling		Heatsink Convection cooling		
Dimensions (D x W xH)		120*92*25 (mm)		
	Weight	0.5Kg		
1	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Operating Temperature		-10℃ ~ 55℃		
		zones,reduce drop/off calls.	tion for small signal weak & block tion, easy installation, great cover. bow	



SPECIFICATION CAR33W-GD

CAR33W-GD				
Electr	rical 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	V	vide Band	
Auto	omatic Gain Control		>20dB	
	Ripple in Band		≤5 dB	
Intermodulatio	9KHz~1GHz		€ -36 dBm	
n Products	1GHz~12.75GHz		€ -30 dBm	
Spurious	9KHz~1GHz		€ -36 dBm	
Emission	1GHz~12.75GHz		€ -30 dBm	
Noise	Figure @ max. gain		≤ 6 dB	
	VSWR		≤ 3	
	MTBF	>5	60000 hours	
	Power Supply	AC: 90~265V, 50/ 60Hz; DC: 12V 3A		
Ро	wer Comsumption		< 20W	
	Impedance		50 ohm	
	Mec	hanical Specification		
RF Connector		N	N-Female	
	Cooling	Heatsink Convection cooling		
Dime	ensions (D x W xH)	120*92*25 (mm)		
	Weight	0.5Kg		
ı	nstallation Type	Wall Installation		
Envi	ronment Conditions	IP40		
	Humidity	< 90%		
Оре	rating Temperature	-10℃ ~ 55℃		
		zones,reduce drop/off calls.		



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		≤5 dB	
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	
	Mechan	ical 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℃ ~ 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 about 100~1500 m² without block or obstruct.
- *Reduce cellphone transmit pow