

A composite image of a city skyline at night, overlaid with a network of glowing blue lines and nodes, representing global connectivity. The word "CATALOGUE" is written vertically in large, white, sans-serif capital letters on the right side of the image.

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Let The World
Have No Blind Spot,
Let Everybody
Communicate Without
Obstacle.

CATALOGUE

Civilian Model

- Single Band Signal Repeater
- Dual Band Signal Repeater
- Multi Band Signal Repeater

Engineering Model

- Medium Power Engineering Signal Repeater
- Wireless Signal Repeater
- Optical Fiber Signal Repeater



Civilian Model

SINGLE BAND SIGNAL REPEATER



Civilian Model - Signal Repeater

Model Name: KW13A

Model Types:

- KW13A-GSM ●
- KW13A-DCS ●
- KW13A-WCDMA ●



Frequency Range:

Frequency range	Uplink (MHz)	Downlink (MHz)
● GSM	890 ~ 915	935 ~ 960
● WCDMA	1920 ~ 1980	2110 ~ 2170
● DCS	1710 ~ 1785	1805 ~ 1880

Product Parameter:

Gain	Uplink: 53 ± 2 dB	Downlink: 63 ± 2 dB
Output Power	Uplink: 10 ± 2 dBm	Downlink: 13 ± 2 dBm
Dimensions(D*W*H)	123*100*19mm	
Net Weight	<0.31KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	SMA (SMA-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 1A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<5W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 20m ² -100m ²
✓	✓	✓		
Office Building	Hotel	Shopping Mall	Shipping	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Ccessories
5 units Yagi Antenna	Whip Antenna	5D 13m Cable	None



Civilian Model - Signal Repeater

Model Name: KW16L

Model Types:

- KW16L-AWS ●
- KW16L-CDMA ●
- KW16L-DCS ●
- KW16L-GSM ●
- KW16L-LTE-26 ●
- KW16L-PCS ●
- KW16L-WCDMA ●



Frequency Range:

Frequency range	Uplink (MHZ)	Uplink (MHZ)
● AWS	1710 ~ 1755	2110 ~ 2155
● CDMA	824 ~ 849	869 ~ 894
● DCS	1710 ~ 1785	1805 ~ 1880
● GSM	890 ~ 915	935 ~ 960
● LTE-26	2500 ~ 2570	2620 ~ 2690
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 53 ± 2dB	Downlink: 65 ± 2dB
Output Power	Uplink: 10 ± 2dBm	Downlink: 16 ± 2dBm
Dimensions(D*W*H)	162*113*20mm	
Net Weight	<0.45KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 1.5A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<5W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 20m ² -100m ²
✓	✓	✓		
Office Building	Hotel	Shopping Mall	Shipping	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
5 units Yagi Antenna	Whip Antenna	50-5 15m Cable	None



Civilian Model - Signal Repeater

Model Name: KW16L-PRO

Model Types:

- 16L-PRO-CDMA ●
- 16L-PRO-GSM ●
- 16L-PRO-DCS ●
- 16L-PRO-WCDMA ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 53 ± 2 dB	Downlink: 65 ± 2 dB
Output Power	Uplink: 10 ± 2 dBm	Downlink: 16 ± 2 dBm
Dimensions(D*W*H)	162*113*20mm	
Net Weight	<0.45KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 1.5A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<5W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 20m ² -100m ²
✓	✓	✓		
Office Building	Hotel	Shopping Mall	Shipping	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
5 units Yagi Antenna	Whip Antenna	15m Cable	None



Civilian Model - Signal Repeater

Model Name: KW20L

Model Types:

- KW20L-AWS ●
- KW20L-LTE-B12/17 ●
- KW20L-CDMA ●
- KW20L-DCS ●
- KW20L-GSM ●
- KW20L-WCDMA ●
- KW20L-LTE-B28 ●
- KW20L-LTE-26 ●
- KW20L-LTE-PCS ●
- KW20L-LTE-B13 ●
- KW20L-LTE-800 ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● AWS	1710 ~ 1755	2100 ~ 2155
● LET-B12/17	699 ~ 716	729 ~ 746
● CDMA	824 ~ 849	869 ~ 894
● DCS	1710 ~ 1785	1805 ~ 1880
● GSM	890 ~ 915	935 ~ 960
● WCDMA	1920 ~ 1980	2110 ~ 2170
● LTE-B28	703 ~ 748	758 ~ 803
● LTE-26	814 ~ 849	859 ~ 894
● PCS	1850 ~ 1910	1930 ~ 1990
● LTE-B13	777 ~ 787	746 ~ 756
● LTE-800	703 ~ 748	758 ~ 803

Product Parameter:

Gain	Uplink: 60 ± 2dBi	Downlink: 70 ± 2dBi
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	195*132*20mm	
Net Weight	<0.73KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 1.5A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<7.5W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 100m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	5D 15m Cable	None



Civilian Model - Signal Repeater

Model Name: KW20L-TDD

Model Types:

- KW20L-TDD-F ●
- KW20L-TDD-E ●
- KW20L-TDD-D ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● TDD-F	1889 ~ 1925	1889 ~ 1925
● TDD-E	2320 ~ 2370	2320 ~ 2370
● TDD-D	2500 ~ 2660	2500 ~ 2660

Product Parameter:

Gain	Uplink: 60 ± 2dB	Downlink: 70 ± 2dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	180*142*20mm	
Net Weight	<0.51KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 1.5A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<7.5W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓			✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	5D 15m Cable	None



Civilian Model

DUAL BAND SIGNAL REPEATER



Civilian Model - Dual Band Signal Repeater

Model Name: KW17L

Model Types:

- KW17L-CP ●●
- KW17L-CA ●●
- KW17L-CD ●●
- KW17L-CG ●●
- KW17L-CW ●●
- KW17L-GD ●●
- KW17L-GW ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155

Product Parameter:

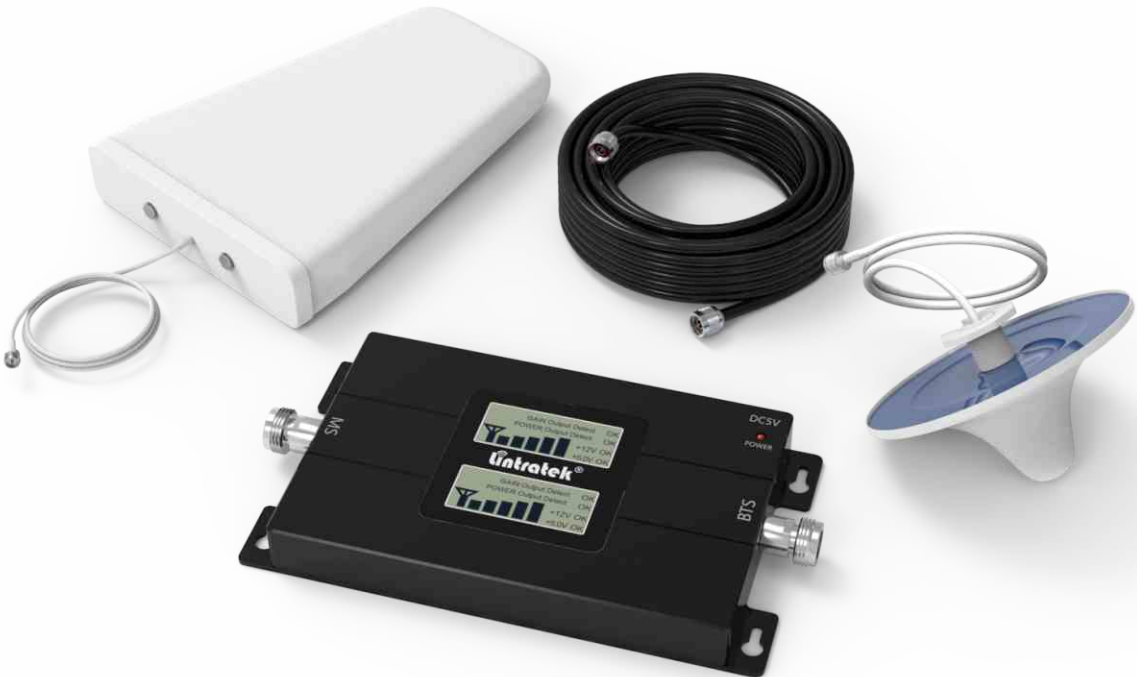
Gain	Uplink: 53 ± 2 dB	Downlink: 65 ± 2 dB
Output Power	Uplink: 15 ± 2 dBm	Downlink: 17 ± 2 dBm
Dimensions(D*W*H)	188*105*20mm	
Net Weight	<0.6KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V ; 50/60Hz ; DC : 5V 1.5A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<7.5W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 20m ² -100m ²
✓	✓	✓		
Office Building	Hotel	Shopping Mall	Shipping	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Dual Band Signal Repeater

Model Name: KW20 5G

Model Types:

KW20-B3NR41 ●●

KW20-B3NR42 ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● DCS	1710 ~ 1785	1805 ~ 1880
● B41	2496 ~ 2690	2496 ~ 2690
● B42	3400 ~ 3600	3400 ~ 3600

Product Parameter:

Gain	Uplink: 65 ± 2 dB	Downlink: 70 ± 2 dB
Output Power	Uplink: 15 ± 2 dBm	Downlink: 20 ± 2 dBm
Dimensions(D*W*H)	218*168*35mm	
Net Weight	<0.53KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	SMA (SMA-Female)	
Power Supply	AC: 100~240V, 50/60Hz ; DC: 12V 3A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<36W	
Humidity	<90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
Outdoor 5G Panel Antenna	Indoor 5G Panel Antenna	5D 13m Cable	None



Civilian Model - Dual Band Signal Repeater

Model Name: KW20C

Model Types:

- KW20C-GW ●●
- KW20C-DW ●●
- KW20C-CD ●●
- KW20C-GD ●●
- KW20C-CG ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● CDMA	824 ~ 849	869 ~ 894

Product Parameter:

Gain	Uplink:53 ± 2dB	Downlink:65 ± 2dB
Output Power	Uplink:15 ± 2dBm	Downlink:20 ± 2dBm
Dimensions(D*W*H)	234*182*22mm	
Net Weight	<0.99KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC:100~240V , 50/ 60Hz ; DC:12V 2A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓			✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	22m Ceiling Antenna	15m Cable	None



Civilian Model - Dual Band Signal Repeater

Model Name: KW20L

Model Types:

- KW20L-CA ●●
- KW20L-CD ●●
- KW20L-CP ●●
- KW20L-CW ●●
- KW20L-GD ●●
- KW20L-GW ●●
- KW20L-DW ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● DCS	1710 ~ 1785	1805 ~ 1880
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2100 ~ 2170
● GSM	890 ~ 915	935 ~ 960
● AWS	1710 ~ 1755	2110 ~ 2155

Product Parameter:

Gain	Uplink: 55 ± 5dB	Downlink: 65 ± 5dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	234*182*22mm	
Net Weight	<0.96KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 12V 1A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<12W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓			✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Dual Band Signal Repeater

Model Name: KW20L-TDD

Model Types:

- KW20L-TDD-GF ●●
- KW20L-TDD-CF ●●
- KW20L-TDD-DF ●●
- KW20L-TDD-DD ●●
- KW20L-TDD-GE ●●
- KW20L-TDD-GD ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● GSM	890 ~ 915	935 ~ 960
● CDMA	824 ~ 849	869 ~ 894
● DCS	1710 ~ 1785	1805 ~ 1880
● TDD-F	1889 ~ 1925	1889 ~ 1925
● TDD-E	2320 ~ 2370	2320 ~ 2370
● TDD-D	2500 ~ 2660	2500 ~ 2660

Product Parameter:

Gain	Uplink: 60 ± 3dB	Downlink: 670 ± 3dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	238*159*20mm	
Net Weight	<0.99KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<15W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓			✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Dual Band Signal Repeater

Model Name: KW23C

Model Types:

- KW23C-CA ●●
- KW23C-CD ●●
- KW23C-CP ●●
- KW23C-DW ●●
- KW23C-GD ●●
- KW23C-GW ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155

Product Parameter:

Gain	Uplink: 53 ± 2 dB	Downlink: 70 ± 2 dB
Output Power	Uplink: 15 ± 2 dBm	Downlink: 23 ± 2 dBm
Dimensions(D*W*H)	180*110*18mm	
Net Weight	<0.58KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 12V 2A	
Impedance	50 ohm	
Cooling	Natural heat dissipation	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -1000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model

MULTI BAND SIGNAL REPEATER



Civilian Model - Triple Band Signal Repeater

Model Name: KW19L

Model Types:

- KW19L-CDW ●●●
- KW19L-CGD ●●●
- KW19L-CGW ●●●
- KW19L-GDW ●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Uplink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 53 ± 2dB	Downlink: 65 ± 2dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	234*182*22mm	
Net Weight	<0.96KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<15W	
Humidity	< 90%	
波VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 300m ² -800m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Tri-band Frequency Signal Repeater

Model Name: AA23

Model Types:

- AA23-CGD ●●●
- AA23-CPA ●●●
- AA23-CPL-2600 ●●●●
- AA23-CPL-B28 ●●●●
- AA23-GDW ●●●●
- AA23-LGD-B20 ●●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● LTE B20 800	832 ~ 862	791 ~ 821
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155
● LTE B7 2600	2500 ~ 2570	2620 ~ 2690
● LTE B28 700	703 ~ 748	758 ~ 803

Product Parameter:

Gain	Uplink: 55 ± 2dB	Downlink: 70 ± 2dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 23 ± 2dBm
Dimensions(D*W*H)	252*143*18mm	
Net Weight	<0.97KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 12V 2A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 300m ² -800m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Triple band signal Repeater

Model Name: KW20C

Model Types:

- KW20C-CGD ●●●
- KW20C-CGW ●●●
- KW20C-CPA ●●●
- KW20C-DWL ●●●
- KW20C-GDL ●●●
- KW20C-GDW ●●●
- KW20C-GWL ●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170
● LTE -26	2500 ~ 2570	2620 ~ 2690
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2155

Product Parameter:

Gain	Uplink: 53 ± 2 dB	Downlink: 65 ± 2 dB
Output Power	Uplink: 15 ± 2 dBm	Downlink: 20 ± 2 dBm
Dimensions(D*W*H)	234*182*22mm	
Net Weight	<0.99KG	
Automatic Gain Control	No	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 12V 2A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 300m ² -800m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None

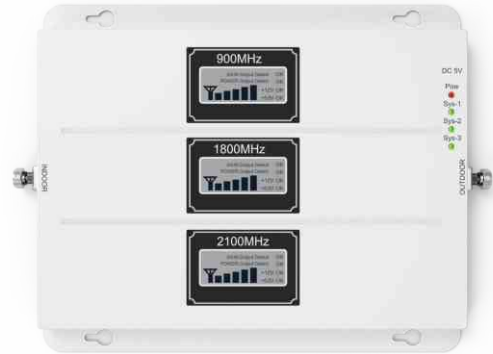


Civilian Model - Tri-band Frequency Signal Repeater

Model Name: KW20L

Model Types:

- KW20L-CDW ●●●
- KW20L-CGD ●●●
- KW20L-CGW ●●●
- KW20L-GDW ●●●
- KW20L-LGD-B20 ●●●
- KW20L-LGW ●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● LTE B20 800	832 ~ 862	791 ~ 821

产品参数Product Parameter:

Gain	Uplink:60 ± 2dB	Downlink:70 ± 2dB
Output Power	Uplink:15 ± 2dBm	Downlink:20 ± 2dBm
Dimensions(D*W*H)	269*190*21mm	
Net Weight	<1.24KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 4A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<20W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	underground Parking	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓		✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓		✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Civilian Model - Quad Band Signal Repeater

Model Name: KW20L

Model Types:

- KW20L-CGDW
- KW20L-CGDW-B20
- KW20L-GDWL-B7
- KW20L-GDWL-B28
- KW20L-LCPA-B12
- KW20L-LCPA-B28
- KW20L-LCPA-B7



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● Band 12	699 ~ 716	729 ~ 746
● Band 28	703 ~ 748	758 ~ 803
● Band 20	832 ~ 862	791 ~ 821
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● Band 7	2500 ~ 2570	2620 ~ 2690
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155

Product Parameter:

Gain	Uplink: 55 ± 2dB	Downlink: 68 ± 2dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	247*138*28mm	
Net Weight	<0.98KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<15W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None

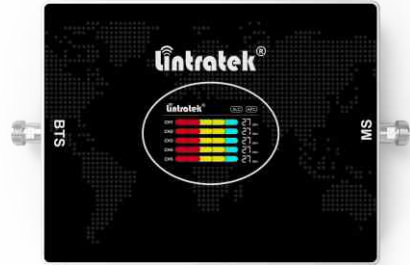


Civilian Model - Quad Band Signal Repeater

Model Name: KW20L

Model Types:

KW20L-LGDWL-B20 ●●●●●
KW20L-LGDWL-B20/B7 ●●●●●
KW20L-LLCPA-B12/B13 ●●●●●
KW20L-LLCPA-B28/B7 ●●●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Uplink (MHZ)
● Band 12	699 ~ 716	729 ~ 746
● Band 13	777 ~ 787	746 ~ 756
● Band 28	703 ~ 748	758 ~ 803
● Band 20	832 ~ 862	791 ~ 821
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● Band 7	2500 ~ 2570	2620 ~ 2690
● PCS	1850 ~ 1910	1930 ~ 1990
● AWS	1710 ~ 1755	2110 ~ 2155
● LTE-2600	2500 ~ 2570	2620 ~ 2690

Product Parameter:

Gain	Uplink: 55 ± 3dB	Downlink: 70 ± 3dB
Output Power	Uplink: 15 ± 2dBm	Downlink: 20 ± 2dBm
Dimensions(D*W*H)	245*165*32mm	
Net Weight	<1.25KG	
Automatic Gain Control	Yes	
Operating Temperature	-25°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V ; 50/60Hz ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<15W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 50m ² -500m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model

MEDIUM POWER ENGINEERING SIGNAL REPEATER



Engineering Model - Signal Repeater

Model Name: KW25F

Model Types:

- KW25F-GSM ●
- KW25F-CDMA ●
- KW25F-DCS ●
- KW25F-WCDMA ●
- KW25F-AWS ●
- KW25F-PCS ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2170
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 65 ± 2 dB	Downlink: 70 ± 2 dB
Output Power	Uplink: 23 ± 2 dBm	Downlink: 25 ± 2 dBm
Dimensions(D*W*H)	270*170*60mm	
Net Weight	≤ 3.5 KG	
Automatic Gain Control	Yes	
Operating Temperature	$-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$	
RF Connector	N (N-Female)	
Power Supply	AC : $90 \sim 265$ V , 50/60Hz ; DC : 9V 5A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	< 15 W	
Humidity	$< 90\%$	
VSWR	≤ 3	
MTBF	> 50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 100m ² -2000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Signal Repeater

Model Name: KW33F

Model Types:

- KW33F-GSM ●
- KW33F-CDMA ●
- KW33F-DCS ●
- KW33F-WCDMA ●
- KW33F-AWS ●
- KW33F-PCS ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2170
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 80 ± 2 dB	Downlink: 90 ± 2 dB
Output Power	Uplink: 30 ± 2 dBm	Downlink: 33 ± 2 dBm
Dimensions(D*W*H)	268*170*58mm	
Net Weight	≤ 3.8 KG	
Automatic Gain Control	Yes	
Operating Temperature	$-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$	
RF Connector	N (N-Female)	
Power Supply	AC : $90 \sim 265$ V , 50/60Hz ; DC : 9V 5A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	< 24 W	
Humidity	$< 90\%$	
VSWR	≤ 3	
MTBF	> 50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Medium And Large Building	Club	Between 200m ² -8000m ²
✓	✓	✓	✓	
Basement Parking	Quay	Tunnels	Desert	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Signal Repeater

Model Name: KW35A

Model Types:

- KW35A-GSM ●
- KW35A-CDMA ●
- KW35A-DCS ●
- KW35A-WCDMA ●
- KW35A-AWS ●
- KW35A-PCS ●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2170
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 80 ± 2 dB	Downlink: 90 ± 2 dB
Output Power	Uplink: 30 ± 2 dBm	Downlink: 33 ± 2 dBm
Dimensions(D*W*H)	330*230*135mm	
Net Weight	≤ 6.5 KG	
Automatic Gain Control	Yes	
Operating Temperature	$-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	< 24 W	
Humidity	$< 90\%$	
VSWR	≤ 3	
MTBF	> 50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
Metro	Parking Lot	Tunnels	Expressway	Between 500m ² -10000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Island	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Dual band Signal Repeater

Model Name: KW25A

Model Types:

- KW25F-CD ●●
- KW25F-CG ●●
- KW25F-GD ●●
- KW25F-DW ●●
- KW25F-GW ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2155
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 70 ± 2dB	Downlink: 80 ± 2dB
Output Power	Uplink: 23 ± 2dBm	Downlink: 25 ± 2dBm
Dimensions(D*W*H)	190*125*25mm	
Net Weight	<1.5KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 90 ~ 265V , 50/60Hz ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<15W	
Humidity	< 90%	
VSWR	≤ 3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 100m ² -2000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Dual Band Signal Repeater

Model Name: KW33F

Model Types:

- KW33F-CG ●●
- KW33F-CD ●●
- KW33F-GD ●●
- KW33F-GW ●●
- KW33F-DW ●●
- KW33F-CW ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● AWS	1710 ~ 1755	2110 ~ 2155
● PCS	1850 ~ 1910	1930 ~ 1990
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 80 ± 2 dB	Downlink: 90 ± 2 dB
Output Power	Uplink: 30 ± 2 dBm	Downlink: 33 ± 2 dBm
尺寸Dimensions(D*W*H)	268*220*58mm	
Net Weight	≤ 5.5 KG	
Automatic Gain Control	Yes	
Operating Temperature	$-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$	
RF Connector	N (N-Female)	
Power Supply	AC : $90 \sim 265$ V , 50/60Hz ; DC : 24V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	< 24 W	
Humidity	$< 90\%$	
VSWR	≤ 3	
MTBF	> 50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Medium and Large Building	Club	Between 200m ² -8000m ²
✓	✓	✓	✓	
Basement Parking	Quay	Tunnels	Desert	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Dual Band Signal Repeater

Model Name: KW35A

Model Types:

- KW35A-CD ●●
- KW35A-CG ●●
- KW35A-CP ●●
- KW35A-GD ●●
- KW35A-GW ●●
- KW35A-DW ●●
- KW35A-TDD-GF ●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● PCS	1850 ~ 1910	1930 ~ 1990
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● TDD1900	1880 ~ 1915	1880 ~ 1915

Product Parameter:

Gain	Uplink: 80 ± 3 dB	Downlink: 90 ± 3 dB
Output Power	Uplink: 33 ± 2 dBm	Downlink: 35 ± 2 dBm
Dimensions(D*W*H)	222*320*142mm	
Net Weight	6.22KG	
Automatic Gain Control	Yes	
Operating Temperature	-25°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 165 ~ 265V , 50Hz	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Medium And Large Building	Club	Between 500m ² -10000m ²
✓	✓	✓	✓	
Basement Parking	Quay	Tunnels	Desert	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Triple Band Signal Repeater

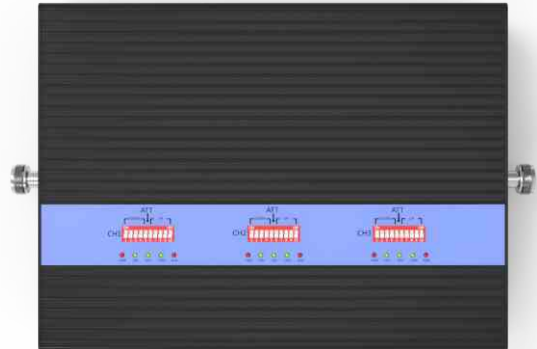
Model Name: KW25A

Model Types:

KW25A-CGD ●●●

KW25A-CDW ●●●

KW25A-GDW ●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170

Product Parameter:

Gain	Uplink: 70 ± 5dB	Downlink: 75 ± 5dB
Output Power	Uplink: 20 ± 2dBm	Downlink: 25 ± 2dBm
Dimensions(D*W*H)	260*170*53mm	
Net Weight	<1.93KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz ; DC : 5V 3A	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<15W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Store	Single-family Building/Villa	Between 100m ² -2000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Shipping	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Triple Band Signal Repeater

Model Name: KW33F

Model Types:

KW33F-CDW-L ●●●●
KW33F-CGD-L ●●●●
KW33F-CGW-L ●●●●
KW33F-GDW-L ●●●●
KW33F-DWL-L ●●●●
KW33F-TDD-CGF ●●●●
KW33F-TDD-CDF ●●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● GSM	890 ~ 915	935 ~ 960
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● TDD-F	1889 ~ 1925	1889 ~ 1925

Product Parameter:

Gain	Uplink:85 ± 2dB	Downlink:90 ± 2dB
Output Power	Uplink:30 ± 2dBm	Downlink:33 ± 2dBm
Dimensions(D*W*H)	340*270*60mm	
Net Weight	7KG	
Automatic Gain Control	Yes	
Operating Temperature	-10°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 100 ~ 240V , 50/60Hz	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
City House	Country House	Club	Single-family Building/Villa	Between 200m ² -8000m ²
✓	✓	✓	✓	
Basement Parking	Quay	Tunnels	Desert	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model - Triple Band Signal Repeater

Model Name: KW35A

Model Types:

- KW35A-CDW ●●●
- KW35A-CGD ●●●
- KW35A-CGW ●●●
- KW35A-GDW ●●●
- KW35A-TDD-CDD ●●●
- KW35A-TDD-GDF ●●●



Frequency Range:

Frequency range	Uplink (MHZ)	Downlink (MHZ)
● CDMA	824 ~ 849	869 ~ 894
● DCS	1710 ~ 1785	1805 ~ 1880
● WCDMA	1920 ~ 1980	2110 ~ 2170
● GSM	890 ~ 915	935 ~ 960
● TDD-D	2500 ~ 2660	2500 ~ 2660
● TDD-F	1889 ~ 1925	1889 ~ 1925

Product Parameter:

Gain	Uplink: 80 ± 3 dB	Downlink: 90 ± 3 dB
Output Power	Uplink: 33 ± 2 dBm	Downlink: 37 ± 2 dBm
Dimensions(D*W*H)	330*230*135mm	
Net Weight	8KG	
Automatic Gain Control	Yes	
Operating Temperature	-25°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 165 ~ 265V , 50Hz	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	
Power consumption	<24W	
Humidity	< 90%	
VSWR	≤3	
MTBF	>50000 hours	
Environment Conditions	IP40	

Applicable Scenarios

Scenes Type				Coverage Range
Metro	Parking Lot	Tunnels	Expressway	Between 500m ² -10000m ²
✓	✓	✓	✓	
Office Building	Hotel	Shopping Mall	Island	
✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories
LPDA Antenna	2m Ceiling Antenna	15m Cable	None



Engineering Model

WIRELESS SIGNAL REPEATER



Project Repeater - Wireless Repeater

Model: Bseries (KW37/40/43)

Frequencies and power can be customized according to needs.

Customized frequency range: Normal frequencies can be matched, double/multiband.

Power available: According to needs, can customize to 5W/10W/20W

Appearance: Same Series product with same appearance but different power.



Product Parameter:

Gain	Uplink: $95 \pm 3\text{dB}$ Downlink: $105 \pm 3\text{dB}$
Output Power	Uplink: $37 \pm 2\text{dBm}$ Downlink: $40 \pm 2\text{dBm}$
Dimensions(D*W*H)	Single Band 375*300*142mm Dual Band 430*340*180mm Triple Band 500*400*260mm
Net Weight	Single Band: 10KG / Dual Band: 18KG / Triple Band: 30KG
Automatic Gain Control	Yes
Operating Temperature	-25°C ~ 55°C
RF Connector	N (N-Female)
Power Supply	AC : 165 ~ 265V , 50Hz
Impedance	50 ohm
Cooling	Heatsink Convection cooling

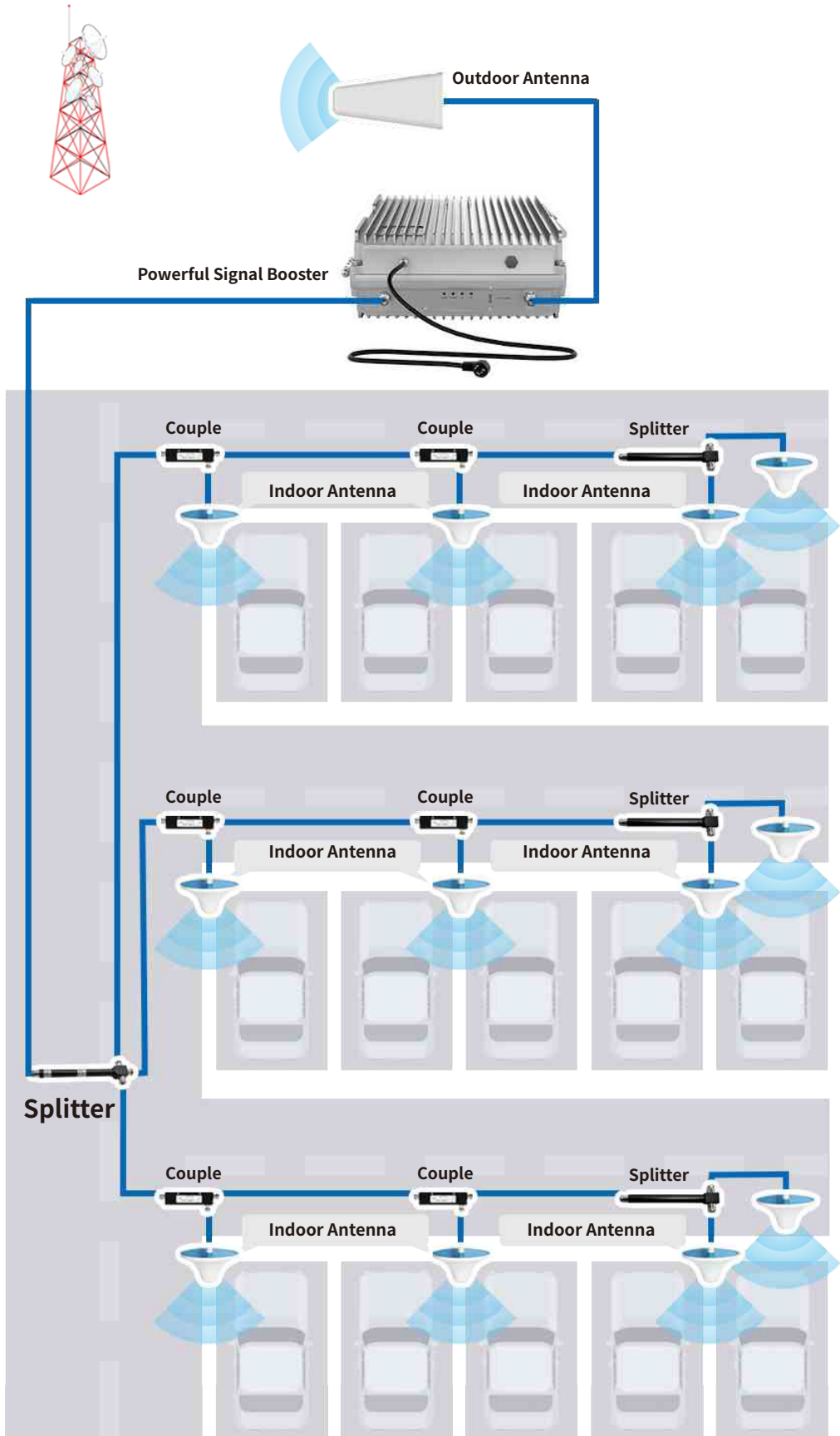
Applicable Scenarios

Scenes Type						Coverage Range
Hotel	Shopping Mall	Office Building	Parking Lot	Tunnels	Airport	Between 5000m ² -25000m ²
✓	✓	✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories	Other Accessories
LPDA Antenna	15-40 indoor Antennas	50-12	Cavity Cable	On Demand Configuration

Application Example



Engineering Model

OPTICAL FIBER SIGNAL REPEATER



Project Repeater - Wireless Repeater

SERIES: Remote Repeater KW37C-GD-R Donor Repeater KFA-GD-N

Frequency and power can be customized according to the use requirements

Customizable frequency range: CDMA / GSM / DCS / WCDMA

frequency, which can be matched as required

Customizable power range: 5W / 10W / 20W 3-gear power according to the use requirements



Product Parameter:

Gain	Uplink: 95 ± 3 dB	Downlink: 105 ± 3 dB
Output Power	Uplink: 37 ± 2 dBm	Downlink: 40 ± 2 dBm
Product Size/Net weight (Remote Repeater)	430*340*180 (mm) /19KG	
Product Size/Net weight (Donor Repeater)	310*210*130 (mm) /9KG	
Automatic Gain Control	Yes	
Operating Temperature	-25°C ~ 55°C	
RF Connector	N (N-Female)	
Power Supply	AC : 165 ~ 265V , 50Hz	
Impedance	50 ohm	
Cooling	Heatsink Convection cooling	

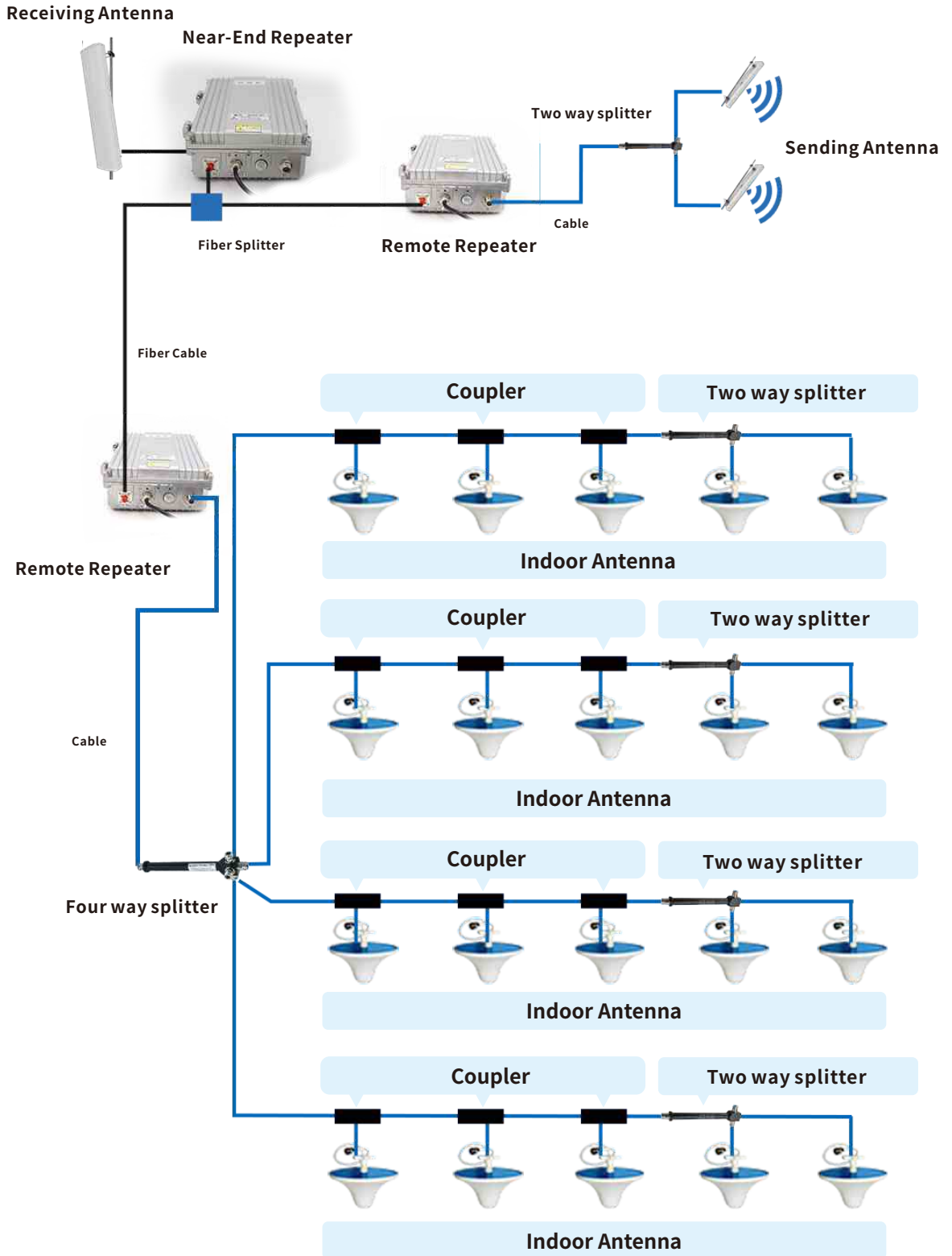
Applicable Scenarios

Scenes Type						Coverage Range
Parking Lot	Medium And Large Building	Airport	Quay	Tunnels	Desert	Between 5000m ² -25000m ²
✓	✓	✓	✓	✓	✓	

Matching Suggestions

Outdoor Antenna	Indoor Antenna	Cable	Other Accessories	Other Accessories
LPDA Antenna	15-40 indoor Antennas	50-12	Splitter	According To Demand

Application Example



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