



A23-4B5 CAR BOOSTER 4 BAND

23dBm Wireless Car Booster



APPLICATION

- A Quad band booster in your vehicle boosting B5, B3, B1, and 4G LTE in the rural bands.
- Runs off a 12Vdc cigarette lighter socket in any vehicle i.e. car, truck, RV or even in a caravan or camper.

STANDARD PACKAGE

- Complete quad-band kit includes the car booster, indoor and outdoor antennas, cables and cigarette socket power supply.
- User manual.



FEATURES

- Provided with all antennas and cables required to install in your vehicle.
- Can be professionally installed or DIY installed.
- Has built in intelligence to increase or decrease it's gain whilst driving and will auto shut-off when driving in suburban area where the signal is strong.
- Feature a LCD screen to make installation child's play.



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A23-4B5 CAR BOOSTER 4 BAND

A23 Series Four Band Cellphone Signal Boosters for Vehicles

Model	Uplink Frequency Range (MHZ)	Downlink Frequency Range (MHZ)
A23-4B1	824~849/1710~1785/1920~1980/2500~2570	869~894/1805~1880/2110~2170/2620~2690
A23-4B2	718~748/1710~1785/1920~1980/2500~2570	773~803/1805~1880/2110~2170/2620~2690
A23-4B3	703~733/1710~1785/1920~1980/2500~2570	763~793/1805~1880/2110~2170/2620~2690
A23-4B4	824~849/1710~1755/1850~1910/2500~2570	869~894/2110~2155/1930~1990/2620~2690
A23-4B5 >>>>>	880~915/1710~1785/1920~1980/2500~2570	925~960/1805~1880/2110~2170/2620~2690
A23-4B6	832~862/1710~1785/1920~1980/2500~2570	791~821/1805~1880/2110~2170/2620~2690

Technical Specifications

Item	Uplink	Downlink
Gain	≥50 dB	≥50 dB
Ripple in Band	Band 1 ≤6 dB Band 2 ≤12 dB Band 4 ≤6 dB Band 5 ≤8 dB Band 7 ≤8 dB Band8 ≤8 dB Band28(B) ≤6 dB	
Output Power	23 ± 2 dBm	5 ± 2 dBm
Intermodulation Products (CW)	≤-36 dBc @20dBm	≤-36 dBm
Spurious Emission	9KHz~1GHz	≤ -36 dBm (RBW=30KHz)
	1GHz~12.75G Hz	≤ -30 dBm (RBW=1MHz)
ACRR	5MHz	≥ 20dB
	10MHz	≥ 20dB
EVM	≤ 8 %	≤ 8 %
VSWR	≤ 2.5	
Time Delay	≤ 1.5 μs	
RUN LED Indication	Normal Working	Green
	Uplink Stand-by Off (Mute)	Green Flash (slow flashing: 2 times per second)
	Derated ISO Working	Green Flash (Fast flashing: 4 times per second)
	Stop Working	Light OFF
Shut-off Function	Yes	
Self-oscillation Cancellation	Yes	
Linkage Balance Function	Uplink and downlink ALC linkage	
RF Connector	SMA female	
Power Supply	DC: + 12V	
Power Consumption	≤ 24W	
Operating Humidity	-10°C ~ +50°C	
Dimension	162 X 122 X 34 mm	
Weight	≤ 1 Kg	

