

Mobile Z6 4G LTE

High Power Wireless Cellular Signal Booster
Midsize Vehicle Coverage
Z650

4G LTE



6 BAND
MULTI BAND
50dB

700 lower 700 upper
850 1900 1700/2100 MHz

MOBILE Z6 WIRELESS CELLULAR SIGNAL BOOSTER HIGH POWER

Mobile Z6 50 boosts signal to all cell phones and cellular devices within the booster's range simultaneously. No physical connection to the cell phone or cellular data device is required. The Smoothtalker Mobile Z6 50 booster is the most technologically advanced wireless cellular signal booster made. It boosts signal to all cell phones and cellular devices within the booster's range simultaneously and features proprietary "Stealthtech technology" which is self-adjusting to control feedback loop (oscillation) and prevent shutdowns or overload from poor antenna placement and changing environment. The Z6 50 is network friendly and with 50dB of gain it provides ample coverage area for cars and pickup trucks. This booster can be moved easily from vehicle to desktop.

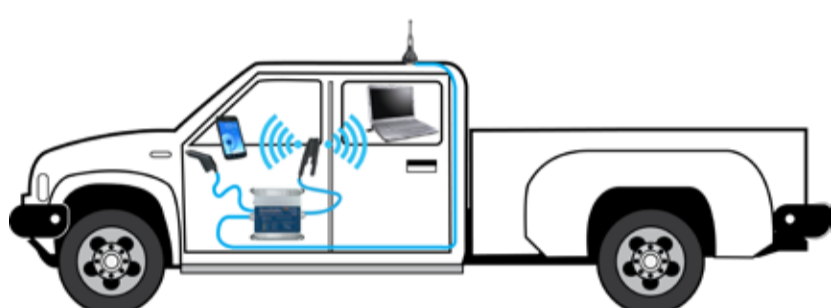
How it works:

The Booster captures the signal outside the vehicle and boosts it to the phone. It takes the weak signal from the phone and boosts it back to the tower. Boosts both voice and data simultaneously.



Where can this booster be used:

The Mobile Z6 50 is used primarily in vehicles and also in buildings.
(Note: Building use will require the purchase of kits with 120Volt AC/DC power supply.)



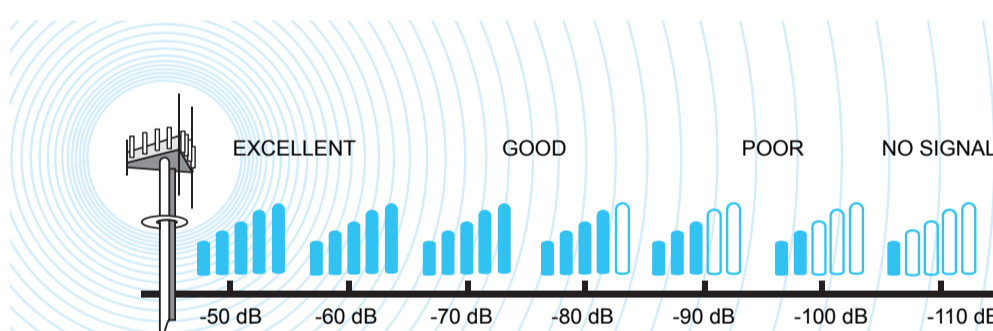
How Large an Area will it Cover:

Coverage area is effected by two things. Outside signal and booster gain. Generally the booster will cover the whole space in a car or pick up truck. In the case where it is used in a boat or RV the range will be limited by the outside signal level.

Mobile Z650 -Outside signal level and coverage expected:

5 bars outside distance from inside antenna	60 ft.
4 bars outside distance from inside antenna	40 ft.
3 bars outside distance from inside antenna	20 ft.
2 bars outside distance from inside antenna	10 ft.
1 bar outside distance from inside antenna	5 ft.
0 bars may or may not work	

Assessing your outside cellular signal level



How Far from the Tower

The Mobile Z6 50 is the most powerful wireless booster on the market and can keep you connected up to 10mi (15km) from the nearest tower.

Use Signal Bar Indicator

Use the signal bar indicator on your cellular device to approximate signal strength as per the chart above.

Note: Even if your device shows no bars or "no service" it is possible that there is enough cellular signal for a booster to achieve communication with the network.

TIPS ON SET UP

- Mount outside antenna in the center of the vehicle roof except in cases where a sunroof is present. In this case mount the antenna towards the back of the vehicle in the center of the metal portion of the roof.
- Mount the inside antenna in the back of the cellular device or place in to the cradle.
- Flashing green LED lights indicate gain reduction. If the green lights on the booster are flashing, please refer to the user manual for instructions.

STEALTHTECH TECHNOLOGY (proprietary Smoothtalker technology):

Mobile Z6 50 amplifiers and boosters use STEALTHTECH® to automatically control gain to eliminate feedback loop (oscillation) and strong signal overload from nearby towers. This will keep your booster working without unexpected shutdowns and at maximum efficiency.

SPECIFICATIONS

SMOOTHALKER MOBILE Z6		6 BAND MULTI BAND 50dB
BANDS	12,17, 13, 5, 4, (2,25)	
FREQUENCIES	700 lower 700 upper 850 1900 1700/2100 MHz	
MODEL	BMCZ650	
GAIN	50dB	
MODULATIONS	2G, 3G, 3G+, 4G, 4G+, GSM, HSPA, CDMA, LTE, LTE A	
TX POWER	1 watts EIRP	
NOISE FIGURE	<4 dB	
FLATNESS	+/- 2 dB	
POWER SUPPLY	12V DC CLA or 12V DC fused or 120V AC/DC	
OPERATING TEMP	-30 C to +85 C	
DIMENSIONS	L 4.72" x W 4.25" x H 1.25" (inch) L 12 x W 10.8 x H 3.2 (cm)	
WEIGHT	1.5 Lbs / 0.660 kg	
CABLE	INCLUDED IN ALL KITS	



Cellular Signal Boosters - Boosting Your Signal Anywhere

Who is Smoothtalker?

In 2001 we designed the first mobile digital Cellular Signal Booster in North America. We continue to lead with the most powerful and intelligent cellular boosters in North America.



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