

OTHER TELECOMMUNICATION DEVICES

Cellular Booster System



Don't go without cellular service in fringe areas that just need a little 'boost'. Virgin Technologies' Cellular Booster System is one of the most powerful boosters available. Depending on the terrain, this system will provide you with cellular service in locations up to 100km from the originating cellular tower. An excellent solution for drilling rigs and camps that have poor cellular service, but are not so remote that cellular service is completely unavailable.

Powerful Cellular Booster With Long Range

FEATURES & BENEFITS

RELIABLE

- Will provide cellular service in locations up to 100km from the originating cellular tower.

CUSTOMIZABLE

- Auto-adjustable gain for optimized performance up to 80dB.

CONVENIENT

- Keep workers in touch and speed up communication around the rig or camp by enabling or improving cellular service.

DATA SERVICE

- Allows for digital, data and analog service (depending on availability at tower).

POWERFUL

- Extremely high receiver sensitivity allows for operation with very weak signals where lesser repeater would not function.

EXTREMELY ROBUST

- Designed to operate in challenging environmental conditions with a built-in heater for cold weather and fan for hot weather.

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Net Weight	35lbs (<16kg)
Dimensions	Length: 13.1" (33cm) Width: 16" (41cm) Height: 9.2" (23cm)

TOLERANCES

Operating Temperature Range	-45°C to +60°C (-49°F to +140°F)
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Frequency Range (MHz)	Down-Link 880-890 / Up-Link 835-849
Automatic Gain Adjustment Range	25dB to 80dB (typical)
Gain (Minimum Attenuation)	80dB (min)
Gain Flatness	+/- 1.5dB (max)
Noise Figure	4.5dB (max), 4.0dB (typical)
Power Output @ 1dB Compression	+33dBm (typical)
Max. Input Signal Level	0dBm (max)
Output Power ALC Set	+26dBm +/- 1dBm
Output Composite Power	+26dBm (typical)
3rd Order Output Intercept Point	+47dBm (typical)
Power Supply	110V/0.9A to 240V/0.45A (Autoranging) 50 to 60Hz
Input/Output Impedance	50 ohm
Propagation Delay	<0.25µSec
VSWR IN/OUT	<1.5:1

Discover how far our Cellular Booster can take you. Visit www.virgintechnologies.com or call 1-866-788-8728.