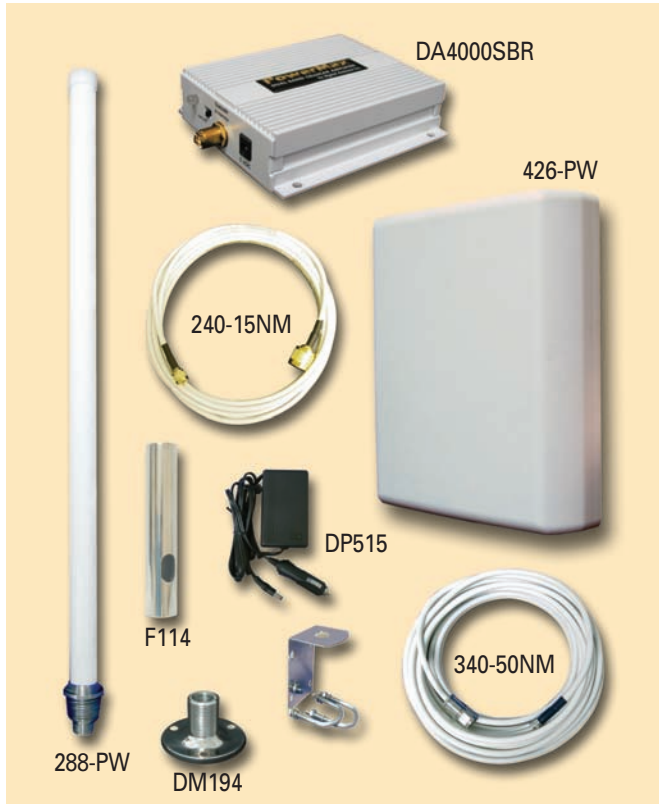


PowerMax™ MARINE | RV CELL BOOSTER



**70 dB GAIN DUAL BAND
3 WATT WIRELESS REPEATER**

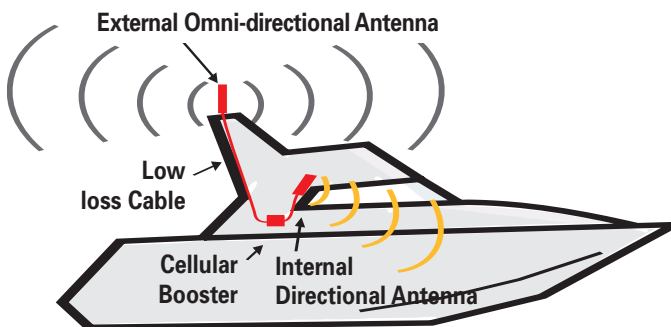
RVs | BOATS WITH CABINS



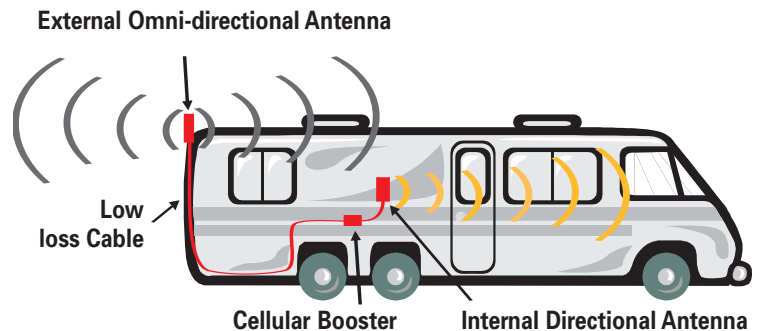
Complete System #4KSBR-50M

**Increased range varies based upon height of outside antenna, type of cable used, cell phone carrier, and location of cell tower. For maximum range, place outside antenna as high as possible using ultra low-loss cable.*

Boat Installation



RV Installation



FCC & IC approved to amplify all North American cell carriers operating on 850 and 1900 MHz.

Get more bars with Digital Antenna's PowerMax™ Marine/RV wireless cell booster. This new wireless cellular repeater is dual band operating on 850 and 1900 MHz bands, boost cell phones and air cards to 3 watts, and improve transmit and receive signals. The result is clean and clear voice quality with maximum data throughput on all carriers (except Nextel).

Mobile Application: Large yachts, sailboats and RVs (not for use in open console boats).

Range/Performance: Amplifies cellular signal up to 30+ miles*.

Advantage: Wirelessly enhance multiple cell phones in multiple rooms within 18'-40' from inside antenna.

Requirement: 25' separation plus a structure between inside & outside antennas.

DUAL BAND: use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).

4KSBR-50M System Includes:

- 60dB gain 3 watt cellular repeater (DA4000SBR)
- 50' cable for external antenna (340-50NM)
- 18" external 9dB gain antenna (288-PW)
- Internal 9dB gain directional antenna (426-PW)
- 15' cable for internal antenna (240-15NM)
- 1"-14 threaded mounting ferrule (F114)
- 1"-14 threaded mount (DM194)
- 12 VDC power converter (DP515)



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PRODUCT TECHNICAL SPECIFICATIONS



70 dB GAIN MARINE | RV CELL BOOSTER

MODEL NUMBER: 4KSBR-50M

Repeater Unit	P/N DA4000SBR
Frequency	Uplink: 824-849 MHz and 1850-1910 MHz Downlink: 869-895 MHz and 1930-1990 MHz
Modulations	All voice and data
Max Output Power	3W (824-849 MHz), 2W (1850-1910 MHz)
IP3	44 dBm
Dynamic Variable Gain	DA4000SBR 63dB max
Receive Sensitivity	-125 dBm
Impedance	50 ohms
Noise Figure	<9dB
Power Consumption	Standby 5 vdc/0.5A, Uplink 5 vdc/1.5A
Internal Fuse	5A
FCC Approved	FCC ID: PZOSDA4000SBR
Industry Canada Approved	IC ID: 4260A-DA4000SBR
Dimensions	4.5" l x 4" w x 1.25" h (114 mm x 102 mm x 32 mm)
Weight	11.5 oz (.345 kg)
RF Connections	Outside & Inside Antenna Port: mini-UHF female
DC Power Connector	Coaxial ID = 2.5 mm, OD = 5.5 mm
Indicator	Tri-color LED
Power Switch	Slide switch toward LED = ON

Inside Antenna	P/N 426-PW
Radiation Pattern	Directional
Gain	9dB
Beam Width	H 60° V 55°
Ratio front/back	> 20dB
VSWR	< 1.5:1 @ 850 MHz; < 1.5:1 @ 1900 MHz
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1980 MHz
Impedance	50 ohms
Max Input Power	150 watts
Dimensions	8.5" l x 7" w x 1.7" h (210 x 180 x 43 mm)
Weight	1.5 oz (.7 kg)
RF Connector	Type N female
Wind Rating	N/A
Installation	Supplied wall bracket
Cable	15' DA240 cable with N type male and mini-UHF male P/N 240-15NM

Outside Antenna	P/N 288-PW
Radiation Pattern	Omni-Directional
Gain	9dBi
VSWR	< 1.5:1 @ 850 MHz; < 1.5:1 @ 1900 MHz
Bandwidth VSWR	< 1.5:1 = 810 - 950 and 1800 - 1980 MHz
Impedance	50 ohms
Max Input Power	200 watts
Dimensions	18" l x 1" OD (457 mm x 25.4 mm)
Weight	8 oz (.23 kg)
RF Connector	Type N female
Wind Rating	135 mph
Installation	Included 1"-14 ferrule P/N F114 & mount P/N DM194

Cable	P/N 340-50NM
Length	50'
Impedance	50 Ohm
RF Connectors	Type N male & mini-UHF male attached
Attenuation at 800 MHz	5.7 dB per 100'
Attenuation at 1900 MHz	8.5 dB per 100'

Power Cable	P/N DP515
Input	9VDC - 24VDC
Output	5VDC 1.5A
Connector	Cigarette Lighter
Cord Length	72" (183 cm)
Output Plug	5.5 x 2.5 x 11 mm