

PowerLogic™ 23dB GAIN CELL BOOSTERS



DA4600 Series 850|1900 MHz Bands

Mobile | M2M | Cellular Modems

Digital Antenna's new cell booster systems include the new PowerLogic™ DA4600 cell amplifier certified to 2014 FCC technical specifications. This high gain, low noise amplifier with maximum FCC allowed power, paired with a premium antenna manufactured by Digital Antenna, provides maximum signal enhancement. The DA4600's extremely sensitive front end and low noise figure offers the greatest improvement in data transfer giving maximum 3G voice and data signal range. Exceptionally low power consumption makes the DA4600 ideal for use with battery backups and any M2M application, enhancing signals in the most remote and challenging areas. System includes amplifier, 12VDC power cable, universal adapter, and choice of antenna and cable.

» Features:

- Certified to 2014 FCC specifications
- Maximum signal enhancement
- Efficient max power consumption < 5W
- Standby power consumption < 1W
- Extremely sensitive front end
- Low noise figure <2.5dB
- Greatest improvement for data transfer

The DA4600 series cell booster systems are available in numerous antenna and cable length configurations available to fit virtually any application. Systems are available with a 12 VDC auto outlet power adapter or 110 VAC power supply.

Applications:

M2M, Cellular Modems, Lotto Machines, ATMs, Cars, Trucks, Vans, Boats, Sailboats, Speedboats, Yachts, Commercial Vessels



Available with Mini-UHF or SMA connectors

Product Technical Specifications

P/N DA4600 | DA4626

Uplink	824-849 MHz and 1850-1910 MHz
Downlink	869-895 MHz and 1930-1990 MHz
Gain	23dB Max
Max RF Power	1W (850 MHz bands), 1W (1900 MHz bands)
Receive Sensitivity	-125dBm
Noise Figure	< 2.5dB
Power Consumption	Standby 13.5 vdc/0.1A, Uplink 13.5 vdc/.5A
Impedance	50 ohms
Max Input Power	2 watts
RF Connector	Mini-UHF female or SMA female
DC Power Connector	Coaxial ID = 2.1 mm, OD = 5.5 mm
Internal Fuse	5A
Dimensions	4.5" l x 4" w x 1.25" h (114 mm x 102 mm x 32 mm)
Weight	8.5 oz (.345 kg)
Indicator	Green Red LED



Digital Antenna, Inc.
www.digitalantenna.com

5325 NW 108th Avenue
Sunrise, FL 33351

▶ t 954.747.7022
▶ f 954.747.7088