

PowerLogic™ 32dB GAIN CELL BOOSTERS



DA4500E 900 MHz Band | 1800 MHz Band

M2M | Cellular Modems

Digital Antenna's new 32dB M2M amplifier provides maximum gain for more range on 900 and 1800 MHz networks. The DA4500E bi-directional amplifier is the most powerful and efficient amplifier on the market for European and Asian cell frequencies. An unsurpassed 32dB of gain grabs the weakest signals to make them usable. The DA4500E's extremely sensitive front end and low noise figure allows maximum signal enhancement for the greatest improvement in data transfer. Exceptionally low power consumption makes the DA4500E ideal for use with battery backups and any M2M application, enhancing signals in the most remote and challenging areas.

The DA4500E includes a 12 VDC cigarette style power cable.

Dual Band: Operates on 900 or 1800 MHz frequency bands (not for use in North America).

» Features:

- Maximum signal enhancement
- Powerful 32dB gain
- Efficient max power consumption < 5W
- Standby power consumption < 1W
- Extremely sensitive front end
- Noise figure < 2.5dB
- Greatest improvement for data transfer

Applications:

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



Product Technical Specifications

P/N DA4500E

Uplink	880-915 MHz and 1710-1785 MHz
Downlink	925-960 MHz and 1805-1880 MHz
Gain	32dB Max
Max Power	2W (900 MHz bands), 1W (1800 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
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	10.8 oz (.306 kg)
Indicator	Green LED



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