

**New!**

# SureCall™ In-Building AWS Band Amplifier

Part Number: **CM2100 62dB**

## AWS Band Wireless In-Building Amplifier

### Overview



The SureCall™ CM2100 62dB from Cellphone-Mate, Inc. is the first AWS (Advanced Wireless Service) band bi-directional amplifier introduced on the market dedicated to improving data and voice service on the AWS band. Designed for in-building use, this amplifier follows the success of our dual band and single band amplifiers on Cellular, PCS and IDEN bands.

### Application & Features

- Improves data and voice service for all carriers on the AWS band including:
  - T-Mobile 3G network on the AWS band
  - MetroPCS 3G network on the AWS band
  - Wind Mobile and Mobilicity in Canada
  - Future 3G or 4G networks on the AWS band from other carriers
- Can be combined with CM2020 or CM2000 amplifiers to form tri-band system
- Operates with all 3G and 4G standards on AWS networks

### Technical Specifications

Frequency	Uplink 1710-1755 MHz Downlink: 2110-2155 MHz
Input Impedance	50 ohm
Gain	62dB
VSWR	≤2.0
Standard Supported	All 3G and 4G standards on AWS band
AC Power Transformer	Input AC110V, 60Hz; Output: DC6V
DC Power (optional)	12V/6V
Maximum RF Output Power	2Watts EIRP with our antenna in the kit.
Noise Figure	5dB
Ripple	≤±3.5dB
Cable	LMR400 or CM400 recommended
RF connectors	N Female connectors on both ends
Power Consumption	<10W



### How it Works and Contents:

This amplifier is the perfect solution for a residence, office or warehouse where your carrier is on the AWS band. (between 2000 and 6000 square feet). The SureCall™ CM2100 62dB is the first AWS bi-directional amplifier on the market today.

Package includes:

- CM2100 62dB AWS Amplifier
- 6V AC Power Supply
- User Manual
- Velcro and screw mounting kit

Outdoor and indoor antenna and 2 cables are required for installation (purchased separately).



Tel: 1-888-365-6283 Fax: 1-510-996-7250  
 48820 Kato Rd. Suite 300B. Fremont, CA 94538  
[www.Cellphone-Mate.com](http://www.Cellphone-Mate.com)