

NEW

The FUSION-5™ In-Building Signal Booster

Prod. No: **CM-Fusion-5**



> five-band solution for medium and small businesses and large homes.



OVERVIEW

The SureCall FUSION-5 is the first five-band amplifier designed as a cost-effective all-in-one cellular voice and data solution for medium businesses, small businesses and larger homes. It combines PCS and Cellular dual-bands with LTE and AWS frequencies for Verizon, AT&T and T-Mobile as a total 2G through 4G cellular amplification solution.

This full-featured amplifier includes automatic shutdown for maximum security. Extremely competitively priced, it is ideal for locations with a low cellular signal. Covers up to 10,000 square ft. for 3G voice and 4G data.

CONTENTS

Package Includes:

- FUSION-5 65dB amplifier
- 5dB attenuator
- 10dB attenuator
- AC power supply
- User manual
- Mounting kit

*Outdoor and indoor antennas and cables are required for installation (purchased separately).

FEATURES

- First-to-Market with highest integration
- Patent pending
- Multiple application possibilities with 9-20V
- Features Automatic Shutdown to prevent interference to cell phone towers
- Supports All 2G, 3G and 4G standards
- Supports all carrier frequencies (Except WiMax and iDEN)
- Supports up to 5-10 simultaneous users
- Uplink/Downlink Oscillation detection (individual LEDs)

TECHNICAL SPECIFICATIONS

| | | |
|-------------------------|---|---------------------|
| Frequency | Uplink: 1850-1910 | Downlink: 1930-1990 |
| | Uplink: 824-849 | Downlink: 869-894 |
| | Uplink: 698-716 | Downlink: 728-746 |
| | Uplink: 776-787 | Downlink: 746-757 |
| | Uplink: 1710-1755 | Downlink: 2110-2155 |
| Input Impedance | 50 ohm | |
| Average Gain | 65dB | |
| Maximum Gain | 70dB | |
| VSWR | ≤2.0 | |
| Standard Supported | CDMA, GSM, UMTS, WCDMA, HSPA(+), EVDO, LTE and all other standard cell phone networks | |
| AC Power Transformer | Input AC110V, 60Hz; Output: DC9-20V | |
| Maximum RF Output Power | 3 Watts EIRP | |
| Noise Figure | 6dB | |
| Cable | LMR400 or CM400 recommended | |
| RF connectors | N Female connectors on both ends | |
| Power Consumption | <25W | |
| Dimensions | 10.75" x 9" x 2.25" | |
| Weight | 10.5 lbs. | |