



# FUSION5X™ 2.0



Voice &  
4G LTE



Most  
powerful



All major  
carriers



Auto-  
Adjusting

## SureCall Fusion5X 2.0 with Auto Adjusting Gain

All-Carrier Cellular Signal Booster Provides Max Connectivity

### Overview

Fusion5X 2.0 is the industry's most powerful cellular signal booster in its class. Covering up to 2X more area than the closest competitor, Fusion5X 2.0 is the chosen solution for mid- to large-size applications that need access to reliable voice, text, and data signals. The Fusion5X 2.0 works with all phones and mobile devices on all North American cellular networks.

### Features & Benefits

- +16 dBm downlink power for 2X more coverage area than the competition
- Improves voice, text and 4G LTE data signals in mid- to large-size buildings, offices and residences
- Built in SureIQ™ technology eliminates shut-down caused by overpowering and replaces attenuators to deliver 24/7 uptime
- Auto-adjusting gain ensures continuously maximized performance
- Supports all North American phones and cellular networks
- Industry best 3-year warranty and lifetime, US-based tech support
- Compatible with SureCall Sentry™ for remote monitoring

### Standard Kit Options:

All kits ship complete with indoor and outdoor antennas and low-loss coax cables

| Model number     | Model name                           | Outside Antenna | Inside Antenna(s) |
|------------------|--------------------------------------|-----------------|-------------------|
| SC-Fusion5X2-OD  | Fusion5X 2.0 Omni / Dome Kit         | (1) Omni        | (1) Dome          |
| SC-Fusion5X2-O4D | Fusion5X 2.0 Omni / 4 Dome Kit       | (1) Omni        | (4) Dome          |
| SC-Fusion5X2-OP  | Fusion5X 2.0 Omni / Panel Kit        | (1) Omni        | (1) Panel         |
| SC-Fusion5X2-O4P | Fusion5X 2.0 Omni / 4 Panel Kit      | (1) Omni        | (4) Panel         |
| SC-Fusion5X2-YD  | Fusion5X 2.0 Yagi / Dome Kit         | (1) Yagi        | (1) Dome          |
| SC-Fusion5X2-Y4D | Fusion5X 2.0 Yagi / 4 Dome Kit       | (1) Yagi        | (4) Dome          |
| SC-Fusion5X2-YP  | Fusion5X 2.0 Yagi / Panel Kit        | (1) Yagi        | (1) Panel         |
| SC-Fusion5X2-Y4P | Fusion5X 2.0 Yagi / 4 Panel Kit      | (1) Yagi        | (4) Panel         |
| SC-Fusion5X2-OU  | Fusion5X 2.0 Omni / Ultra-Thin Kit   | (1) Omni        | (1) Ultra-Thin    |
| SC-Fusion5X2-YU  | Fusion5X 2.0 Yagi / Ultra-Thin Kit   | (1) Yagi        | (1) Ultra-Thin    |
| SC-Fusion5X2-O4U | Fusion5X 2.0 Omni / 4 Ultra-Thin Kit | (1) Omni        | (4) Ultra-Thin    |
| SC-Fusion5X2-Y4U | Fusion5X 2.0 Yagi / 4 Ultra-Thin Kit | (1) Yagi        | (4) Ultra-Thin    |



Shown: Fusion5X 2.0 Omni / 4 Dome Kit  
SC-Fusion5X2-O4D

### Key Product Specifications

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Uplink Frequency Range:   | 698–716 / 776–787 / 824–849 / 1850–1915 / 1710–1755 MHz            |
| Downlink Frequency Range: | 728–746 / 746–757 / 869–894 / 1930–1995 / 2110–2155 MHz            |
| Supported Standards:      | CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, 4G and all cellular standards |
| Max Gain:                 | 72 dB                                                              |
| Downlink Power:           | +16 dBm                                                            |
| Noise Figure:             | 8 dB                                                               |
| Max Output Power:         | 1 Watt EIRP                                                        |
| RF Connectors:            | N Female (both ends)                                               |
| Power Consumption:        | <25W                                                               |





# FUSION5X™ 2.0

Voice and 4G LTE Data Signal Booster

## Fusion5X 2.0 Specifications

|                                          |                                                                        |
|------------------------------------------|------------------------------------------------------------------------|
| Cellular Uplink Frequency Range (MHz):   | 698–716 / 776–787 / 824–849 / 1850–1915 / 1710–1755 (G Block Included) |
| Cellular Downlink Frequency Range (MHz): | 728–746 / 746–757 / 869–894 / 1930–1995 / 2110–2155 (G Block Included) |
| Supported Standards:                     | CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, 4G and all cellular standards     |
| Input / Output Impedance:                | 50 $\Omega$                                                            |
| Maximum Gain:                            | 72 dB                                                                  |
| Downlink Power:                          | +16 dBm                                                                |
| Noise Figure:                            | 8 dB                                                                   |
| VSWR:                                    | $\leq 2.0$                                                             |
| AC Power Transmitter                     | Input AC 110 V, 60 Hz / Output DC 12 V                                 |
| Maximum Output Power:                    | 1 Watt EIRP                                                            |
| Cable:                                   | SC-400                                                                 |
| RF Connectors:                           | N Female, both ends                                                    |
| Power Consumption:                       | <25W                                                                   |
| Operation Temperature:                   | -4°F to +158°F                                                         |
| Dimensions:                              | 9.25 x 6.375 x 1.375 inches                                            |
| Weight:                                  | 4 lb 4 oz                                                              |
| Certifications:                          | FCC ID: RSNFUSION5S-X2.0 IC: 7784A-FUSIONX                             |

## Installation Example

Model shown: Fusion5X 2.0 Omni / 4 Dome Kit (SC-Fusion5X2-O4D)

