



4G



Fusion5™

2G-3G-4G Home/Office Cell Reception Solution

SureCall Fusion5

Five-band Home and Office Cellular Signal Booster for all major U.S. carriers

Overview

Fusion5 is a cellular booster solution that's ideal for home and office for use where reception is weak due to distance from towers, the topography, building materials or structural design. Built to combine PCS and Cellular dual bands with both LTE and 4G AWS frequencies for Verizon, AT&T and T-Mobile voice and data reception solution. This competitively priced booster covers an area of up to 6,000 square feet, 5 to 10 simultaneous users and is configurable for all indoor environments. SureCall's three-year warranty is a testament to our product quality.

Unique Features

Highest 4G data rate in the industry
All carrier frequencies are independently controlled
First five-band cellular booster compliant with new FCC Certification standards
Lowest noise figure in the industry
Offers the industry's best three-year warranty

- SureCall 400 coax cable is certified at the optimum length to ensure maximum performance with minimal loss
- Built in safeguard completely eliminates interference to cell tower
- Approved by all major US carriers
- Simple, Plug and Play operation

Booster Kit Includes:

All Fusion5 kits include low dB loss SureCall 400 coax cable
Fusion5 Standard kit model **SC-PolyH/O-72-OD-Kit** includes: outside Omni antenna¹, inside dome antenna², 30' x 75' SureCall coax cable

Additional kits:

Model **SC-PolyH/O-72-YD-Kit**: Outside Yagi³ Antenna with inside dome antenna, 30' x 75' CM coax cable

Model **SC-PolyH/O-72-OP-Kit**: Inside Omni antenna with inside panel antenna, 30' x 75' coax cable

Model **SC-PolyH/O-72-YP-Kit**: Outside Yagi antenna with inside panel antenna, 30' x 75' CM coax cable

1. Omni antennas are ideal for topographies with minimal obstacles
2. Dome antennas are best suited for a central location
3. Yagi antennas are designed to reach towers that are up to 30 miles away
4. Panel antennas allow for optimum reception to targeted areas



The SureCall Fusion5 kit featuring the Omni and dome antennas.

Key Features:

- 65dB cellular, 72dB PCS, 63.5dB LTE: 63.5dB, AWS: 71dB, LTEA: 63.5dB, LTE-V: 64.3dB
- Five Embedded CPU for smarter technology
- Eighteen RSSI detectors for all inputs and outputs
- Stealth technology incorporated – uplink becomes dormant when not in use, providing green, power saving operation
- FCC certified for new regulations and technical standards
- Auto Gain Control (AGC) and pre-warning
- Automatic shut down
- Independently reconfigurable for each band
- Supports 2G and 3G voice and 4G data standards
- Quality metal construction, durable and resilient
- Lowest Out of Band Emissions (OOBE) to date

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» See page 2 for specifications and installation diagram



Fusion5™

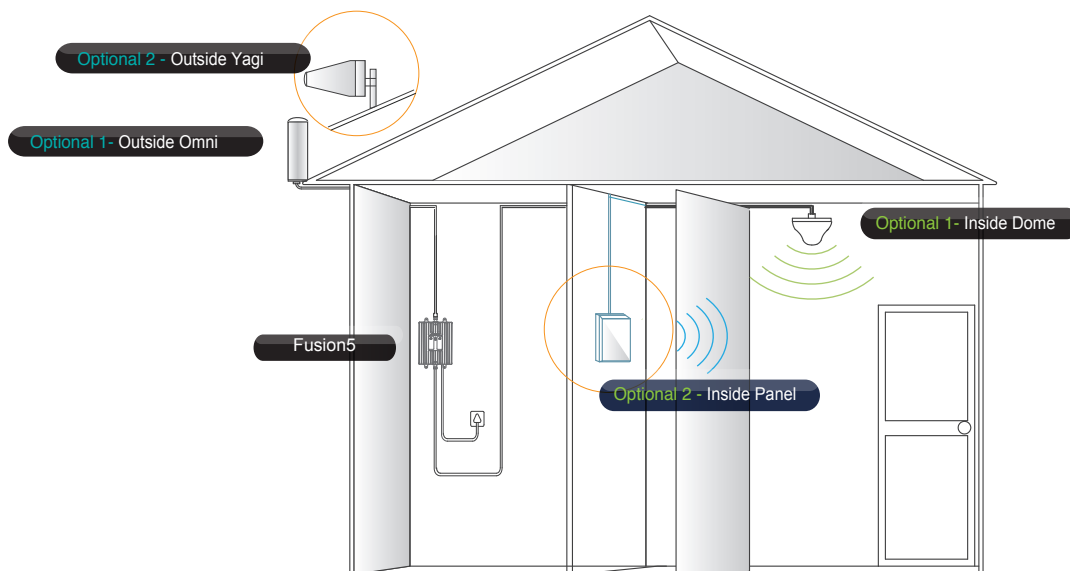
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Specification

Model No.	FUSION5
Uplink Frequency Range (MHz):	698-716 / 776 – 787 / 824-849 / 1850-1910 / 1710-1755
Downlink Frequency Range (MHz):	728-746 / 746 – 757 / 869-894 / 1930-1990 / 2110-2155
Supported Standards:	CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, LTE and all cellular standards
Input/Output Impedance:	50 ohm
Maximum Gain:	Cellular- 65dB / PCS-72dB / LTE(A)-63.5dB / LTE(V)-64dB / AWS-71dB
Noise Figure:	6dB
VSWR:	≤2.0
AC Power Transmitter:	Input AC 110 V, 60 Hz / Output DC 19 V
Maximum Output Power:	1Watt EIRP
Cable:	SureCall 400
RF Connectors:	N Female (both ends)
Power Consumption:	<25W
Dimensions:	9" x 9.5" x 2.25"
Weight:	8.05 lbs
FCC ID (USA):	RSNFUSION-5

Specifications are subject to change. Specifications contained within apply only to products meeting the latest FCC Certification Guidelines of 2/20/2013.

Installation Example



This is a CONSUMER device.

BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider. You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 inches) from any person. You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider. WARNING. E911 location information may not be provided or may be inaccurate for calls served by using this device.