Fusion5s™

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

SureCall Fusion5s

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

The SureCall Fusion5s kit featuring the Omni and dome antennas.

Overview

The Fusion5s is a surprisingly affordable solution for people experiencing weak cellular reception within homes. A five-band booster, it provides 2G, 3G and 4G enhancement for all major U.S. carriers including Verizon, AT&T, Sprint and T-Mobile The Fusion5s can cover homes that are up to 6,000 square feet with 5 to 10 users users and our 3-year warranty assures you of the product's 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

Booster Kit Includes:

All Fusion5s kits include low dB loss SureCall 400 coax cable

Fusion5 Standard kit model **SC-PolysH/O-72-OD-Kit** includes: outside Omni antenna[1], inside dome antenna[2], 30' x 75' SureCall coax cable

Additional kits:

Model **SC-PolysH/O-72-YD-Kit**: Outside Yagi[3] Antenna with inside dome antenna, 30' x 75' CM coax cable

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

Model **SC-PolysH/O-72-YP-Kit**: Outside Yagi antenna with inside panel[4]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

Key Features:

- 65dB cellular, 72dB PCS, 71dB AWS, 63.5dB LTE-A and 64.3 LTE-V
- Four Embedded CPU for smarter technology
- Ten 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
- Patent No. US8867572B1

» See page 2 for specifications and installation diagram

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SureCall® RAISE YOUR BARS

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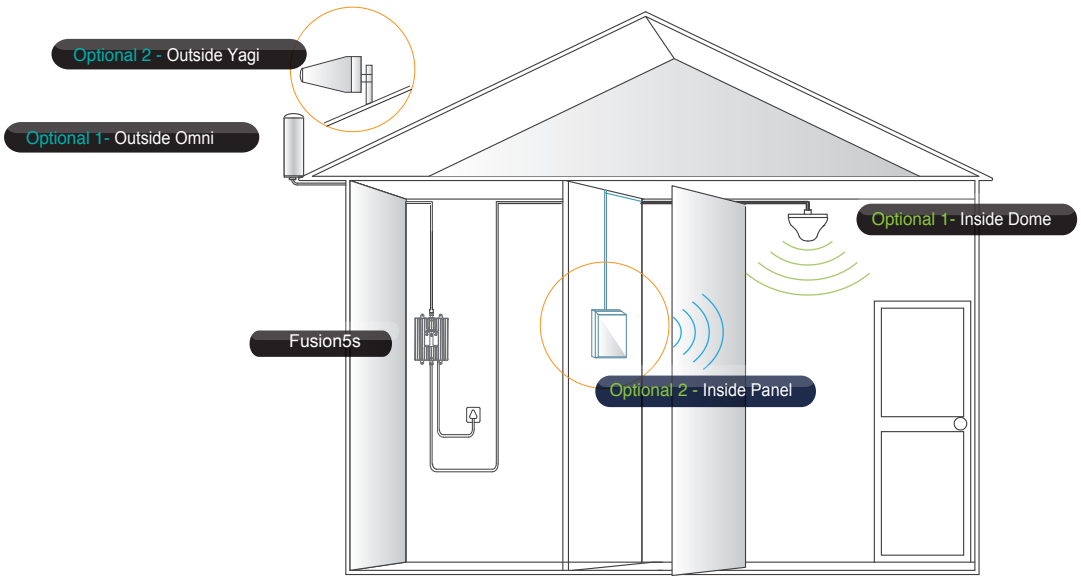
Specification

Model No.	Fusion5s
Uplink Frequency Range (MHz):	698-716 / 776 – 787 / 824-849 / 1850-1915 / 1710-1755 (G Block Included)
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, 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
AC Power Transmitter:	Input AC 110 V, 60 Hz / Output DC 12 V
Maximum Output Power:	1Watt EIRP
Cable:	SureCall 400
RF Connectors:	N Female (both ends)
Power Consumption:	<25W
Dimensions:	9-1/4” x 6-3/8” x 1-3/8”
Weight:	3 lbs
FCC ID (USA):	RSNEZBOOST5

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.