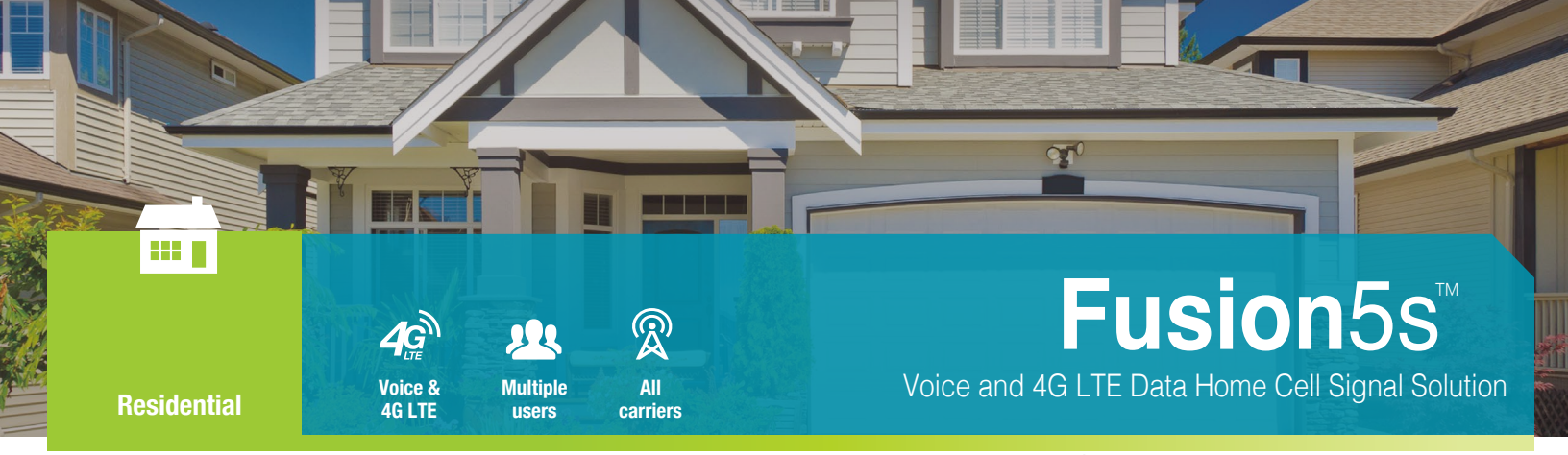


Residential

Voice & 4G LTE

Multiple users

All carriers

Fusion5s™

Voice and 4G LTE Data Home Cell Signal Solution

SureCall Fusion5s

All-Carrier Voice and Data Cellular Signal Booster

Overview

The SureCall Fusion5s is an all-carrier cell phone signal booster designed for home and small office use. This five-band booster produces enhanced voice, text and 4G LTE data signal for all major U.S. carriers, including Verizon, AT&T, Sprint and T-Mobile. The Fusion5s is fully configurable for all indoor environments, ensuring enhanced call clarity for up to 10 simultaneous users and includes the industry's best quality-assuring 3-year warranty.

Features and Benefits

- Boosts signal for voice, text and 4G LTE data for up to 6,000 sq. ft.
- Reduces dropped and missed calls and improves performance for 4G LTE data speeds for all cell phones and all carriers
- Clearer calls due to lowest noise figure in the industry
- Durable metal housing provides long-term reliability
- Built-in safeguard completely eliminates interference to cell tower
- Approved by all major US carriers
- Extends battery life

Booster Kits Include:

All Fusion5s kits include low dB loss SC-400 coax cable
Fusion5 Standard kit model **SC-PolysH/O-72-OD-Kit** includes: outside omni[1] antenna, inside dome[3] antenna, 30 and 75 ft. cable.

Additional kits:
SC-PolysH/O-72-YD-Kit: Outside Yagi[2] antenna with inside dome[3] antenna, 30 and 75 ft. cable
SC-PolysH/O-72-OP-Kit: Inside omni[1] antenna with inside panel[4] antenna, 30 and 75 ft. cable
SC-PolysH/O-72-YP-Kit: Outside Yagi[2] antenna with inside panel[4] antenna, 30 and 75 ft. cable

1. Omni antennas are the ideal solution for sending/receiving signal from all directions.
2. Yagi antennas are directional and should typically be aimed in the direction of best signal.
3. Dome antennas send/receive signal in all directions indoors.
4. Panel antennas provide directional indoor coverage.

3 YEAR WARRANTY



SureCall Fusion5s Yagi/Panel kit

Key Features:

- Cellular - 65 dB / PCS - 72 dB / LTE(A) - 63.5 dB / LTE(V) - 64 dB / AWS - 71 dB
- Auto Gain Control (AGC) for simplified antenna placement
- Independently reconfigurable for each band
- Supports all voice and 4G LTE data standards
- Quality metal construction, durable and resilient
- Stealth technology incorporated – uplink becomes dormant when not in use, providing green, energy-saving operation
- Four Embedded CPU for smarter technology
- Meets or exceeds FCC technical standards for cellular boosters
- Ten RSSI detectors for all inputs and outputs
- Lowest Out of Band Emissions (OOBE) to date
- Patent No. US 8,867,572 B1

» See page 2 for specifications and installation diagram

QUESTIONS? VISIT WWW.TALLEYCOM.COM OR CONTACT TALLEY AT 800.949.7079 OR SALES@TALLEYCOM.COM TODAY.

TALLEY®
You Connect the World. We Make it Easy.®

SureCall I 48346 Milmont Drive, Fremont CA 94538 I 1-888-365-6283 I sales@surecall.com

SureCall®
RAISE YOUR BARS

Fusion5s™

Voice and 4G LTE Data Home Cell Signal Solution

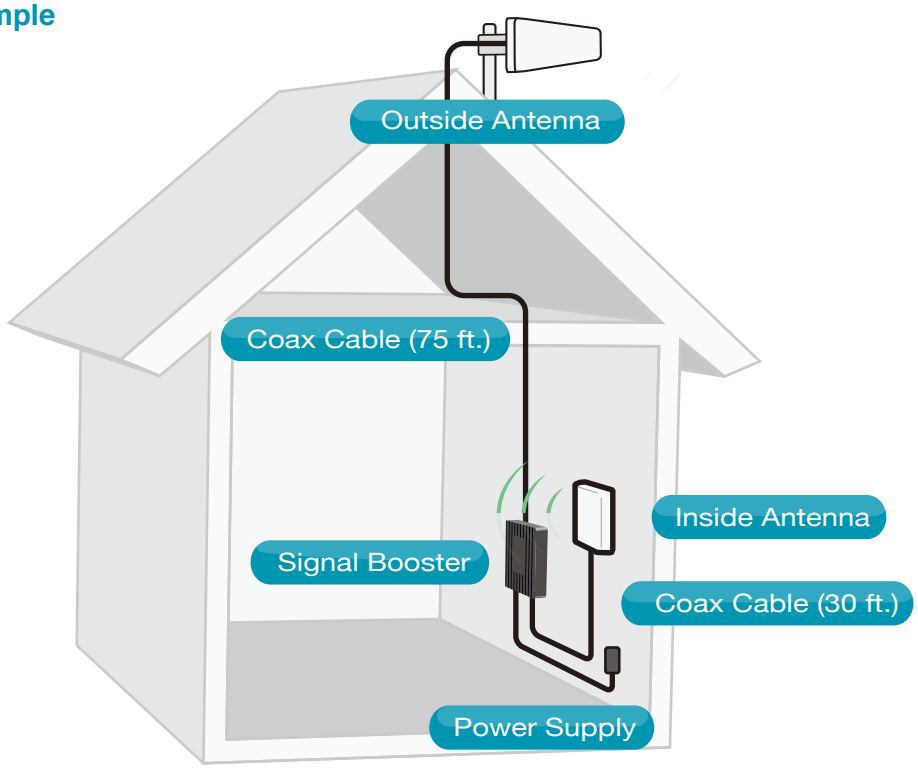
Specification

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 - 65 dB / PCS - 72 dB / LTE(A) - 63.5 dB / LTE(V) - 64 dB / AWS - 71 dB
Noise Figure:	6 dB
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 Connector External / N Connector Internal
Power Consumption:	<25W
Dimensions:	9.25 x 6.38 x 1.38 inches
Weight:	4 lbs 4 oz

Specifications are subject to change. Specifications contained within apply only to products meeting the latest FCC Certification Guidelines.

Installation Example

Fusion5s Yagi/Panel kit



QUESTIONS? VISIT WWW.TALLEYCOM.COM OR CONTACT TALLEY AT 800.949.7079 OR SALES@TALLEYCOM.COM TODAY.

TALLEY®
You Connect the World. We Make it Easy.®

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. This device may be operated ONLY in a fixed location for in-building use.

© 2016 SureCall