



Residential



Voice & 4G LTE



Multiple users



All carriers

Fusion4Home™

Voice and 4G LTE Data Cell Signal Solution

SureCall Fusion4Home All-Carrier Cellular Signal Booster

Overview

The SureCall Fusion4Home is an all-carrier cell phone signal booster designed for home and small office use. These boosters produce enhanced voice, text and 4G LTE data signal where signal is weak due to distance from tower, topography or building materials. Fully configurable for all indoor environments, Fusion4Home signal boosters ensure enhanced call clarity for simultaneous users.

Benefits

- Boosts talk, text, and 4G LTE signals for all North American carriers
- Boosts signal coverage for one room up to a small home or office
- Reduces dropped and missed calls and improves performance for 4G LTE data speeds for all cell phones and all carriers
- Durable metal housing provides long-term reliability
- Extends battery life

Booster Kits Include:

Fusion4Home Omni/Whip (SC-PolyH-72-ORA-Kit): Outside Omni¹ antenna, inside whip³ antenna, 50 feet of RG6 cable

- Works best in locations with strong outside signal (3+ bars)
- Covers 1-2 rooms

Fusion4Home Yagi/Whip (SC-PolyH-72-YRA-Kit): Outside directional Yagi² antenna, inside whip³ antenna, 50 feet of RG6 cable

- Works best in locations with marginal outside signal (1+ bars)
- Covers 2-4 rooms

Fusion4Home Yagi/Panel (SC-PolyH-72-YP-Kit): Outside directional Yagi² antenna, inside directional panel⁴ antenna, 50 feet of RG6 cable, 20 feet of SC-240 cable

- Works best in locations with marginal outside signal (1+ bars)
- Covers a small home



SureCall Fusion4Home Yagi/Panel kit

Key Features:

- Highest 4G LTE data rate in the industry
- Stealth technology incorporated – uplink becomes dormant when not in use, providing green, energy-saving operation
- Meets or exceeds FCC technical standards for cellular boosters
- Auto Gain Control (AGC) for simplified antenna placement
- Supports voice and 4G LTE data standards
- Approved by all major US carriers

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. Whip (Right Angle) direct connect antennas send/receive signal in all directions indoors.
 4. Panel antennas provide directional indoor coverage.





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Specification

Model No.

Uplink Frequency Range (MHz):

Downlink Frequency Range (MHz):

Supported Standards:

Input Impedance:

Maximum Gain:

Noise Figure:

VSWR:

AC Power Transmitter:

Maximum Output Power:

Cable:

RF Connectors:

Power Consumption:

Dimensions:

Weight:

Fusion4Home

698–716 / 776–787 / 824–849 / 1850–1915 / 1710–1755 (G Block Included)

728–746 / 746–757 / 869–894 / 1930–1995 / 2110–2155 (G Block Included)

CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, LTE and all cellular standards

75Ω donor port / 50Ω server port

Cellular - 65 dB / PCS - 72 dB / LTE(A) - 63.5 dB / LTE(V) - 64 dB / AWS - 71 dB

8 dB

≤2.0

Input AC 110V, 60 Hz; Output DC 5-15V

1 Watt EIRP

RG6 / SC-240

F Female donor port / N Female server port

<15W

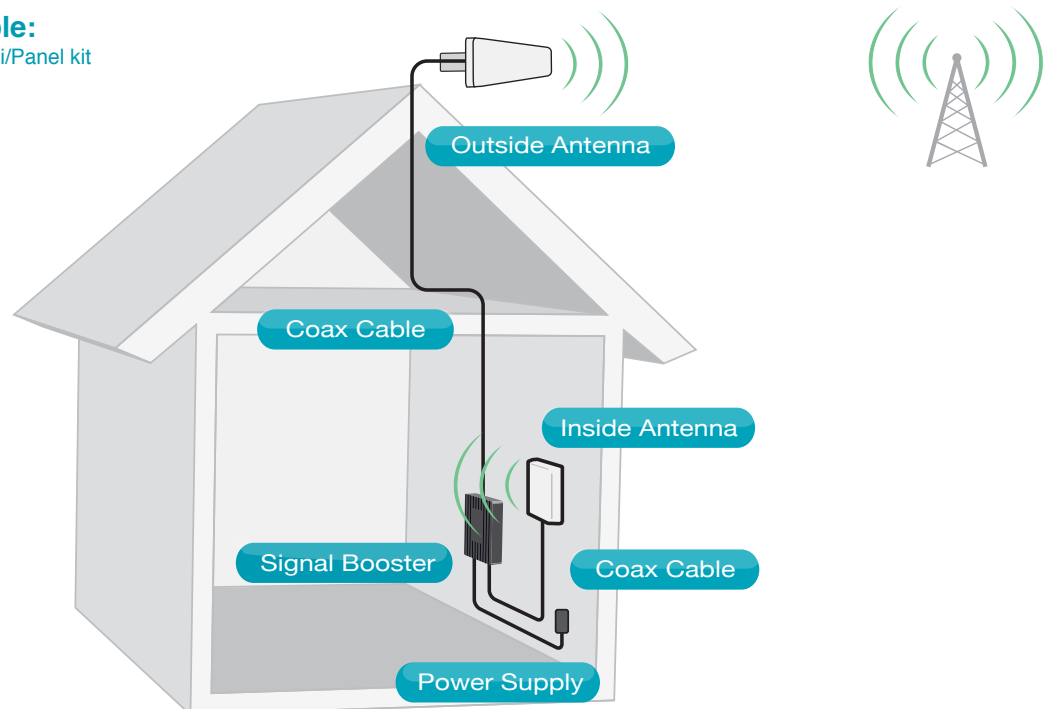
7.875 x 5 x 1.188 inches

2 lb 3 oz.

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

Installation Example:

SureCall Fusion4Home Yagi/Panel kit



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.

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