



4G



# Fusion7™

All-in-one Cellular, Wifi and HDTV Booster

## SureCall Fusion7

### All-in-one Cellular, Wifi and HDTV Booster

#### Overview

SureCall's Fusion7 is a one of a kind, all in one cellular, WiFi and HDTV booster solution for homes and businesses that offers:

- SureCall's patented 5-band cellular signal solution for Verizon, AT&T and T-Mobile and virtually all other U.S. cellular carriers.
- A built-in Wi-Fi booster along with a router that not only extends network coverage within the home but also increases power for fast and reliable data transfers.
- An HDTV booster that brings all locally aired HDTV television stations into your home. And with the built-in Wi-Fi it allows for greatly enhanced streaming video through Netflix® and other on-demand streaming media providers.

#### Unique Features

First 7-Band signal Booster in the Industry

Highest 4G data rate in the industry

All carrier frequencies are independently controlled

First five-band cellular booster compliant with new FCC Certification standards

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
- FCC-Approved for use with all major US carriers
- Best-in-Industry three-year warranty

#### Kit Includes:

All Fusion7 kits include low dB loss SureCall 400 coax cable

Fusion7 Standard kit model **SC-SEPTIH/O-Kit** includes: outside Omni cellular antenna, one indoor HDTV antenna, one indoor cellular dome antenna, 1 router, cables.



#### Key Features:

- Five Embedded CPU for smarter technology
- 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 # 8,867,572 and patents pending



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## Specifications

### Model No.

Cellular Uplink Frequency Range (MHz):

Cellular Downlink Frequency Range (MHz):

HDTV Frequency:

WiFi Frequency:

Supported Standards:

Input/Output Impedance:

Maximum Gain:

Noise Figure:

VSWR:

AC Power Transmitter:

Maximum Output Power:

Cable:

RF Connectors:

Power Consumption:

Dimensions:

Weight:

FCC ID (USA):

### FUSION7

698-716 / 776 – 787 / 824-849 / 1850-1910 / 1710-1755

728-746 / 746 – 757 / 869-894 / 1930-1990 / 2110-2155

54-72MHz / 76-88MHz / 174-216MHz / 470-608MHz / 614-698MHz

2400-2483.5MHz

CDMA, WCDMA, GSM, EDGE, HSPA+, EVDO, LTE, all cellular standards  
WiFi, and HDTV-23db.

50 ohm

Cellular- 65dB / PCS-72dB / LTE(A)-63.5dB / LTE(V)-64dB / AWS-71dB  
/ WiFi 23dB / HDTV 23dB.

6dB

≤2.0

Input AC 110 V, 60 Hz / Output DC 19 V

1Watt EIRP

SureCall 400, SC-400, 75 feet and 30 feet, (2) RG6, 50 feet,  
SC-240, RG174

N Female (both ends)

<25W

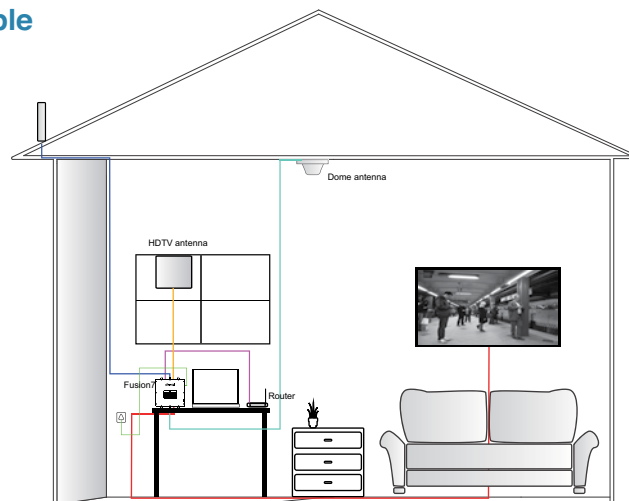
10" x 9.5" x 2.25"

9.05 lbs

RSNFUSION-7

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.