



4G



# Force5™

Voice and Data Large Building Cell Reception Solution

## SureCall Force5™

### Voice and Data Cell Phone Signal Solution for Large Buildings

#### Overview

SureCall's Force5 is a self-contained, five-band, cellular signal booster. The Force5 is an alternative Voice and Data solution to a DAS system at a fraction of the cost. Modular in design, each Force5 provides enhanced cellular and data reception for areas of 25,000+ square feet with up to 100 users. The Force5 combines PCS and Cellular dual-bands with LTE and AWS frequencies for Verizon, AT&T, T-Mobile and Sprint for a complete 2G-4G voice and data reception solution. Our three-year warranty is a testament to the quality.

#### Unique Features

- Highest 4G data rate in the industry
- SureCall invented the Industry's only highly linear product line of wideband signal boosters
- Since Force5's 2012 introduction, there have been thousands of successful installations throughout the U.S. and Canada
- Partnered with multiple Fortune 500 companies to meet their cellular reception requirements.
- Independently reconfigurable for each band
- Covers all U.S. bands including G-Block
- Offers the industry's best three year warranty

#### Booster Kit Includes:

All Force5 kits include low dB loss SC-400 coax cable

A Force5 Standard kit model **SC-PolyO-72-OD-Kit** includes: outside Omni antenna<sup>1</sup>, inside dome antenna<sup>2</sup>, 30' x 75' SureCall coax cable

#### Additional kits:

Model **SC-PolyO-72-YD-Kit**: Outside Yagi<sup>3</sup> Antenna with inside dome antenna, 30' x 75' coax cable

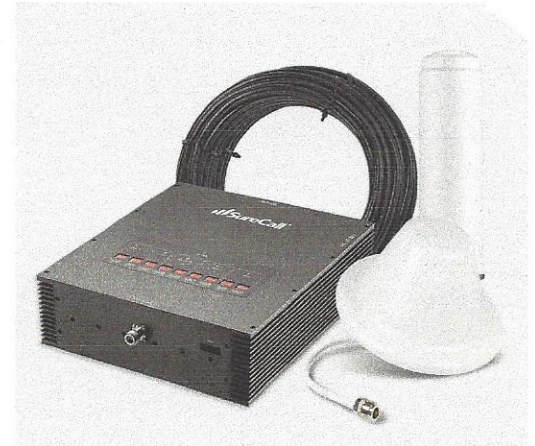
Model **SC-PolyO-72-OP-Kit**: Inside Omni antenna with inside panel<sup>4</sup> antenna, 30' x 75' coax cable

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

\*Also available in kits with 1 or 3 additional dome or panel antennas. See our website for kitting options or email us at: sales@surecall.com.

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

Force5 | 4-29-15 v1.1



The SureCall Force5 kit featuring the Omni and dome antennas.

#### Key Features:

- Software upgradable in the field
- 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) with AGC Pre-Warning
- Independently, digitally adjustable uplink and downlink
- Automatic shut down
- Quality metal construction, durable and resilient
- Lowest Out of Band Emissions (OOBE) to date
- Patent #: US 8,867,572 B1
- FCC approved for use with all US carriers
- Built in safeguard completely eliminates interference to cell tower

➤ See page 2 for specifications and installation diagram



# Force5™

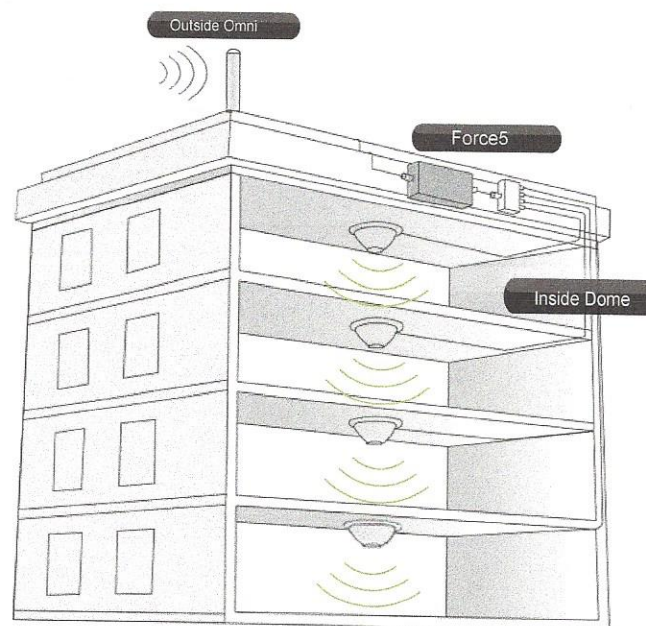
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## Specification

Model No.	Force5
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:	8dB
VSWR:	≤2.0
AC Power Transmitter:	Input AC 110 V, 60 Hz / Output DC 19 V
Maximum Output Power:	1Watt EIRP
Cable:	SC-400
RF Connectors:	N Female (both ends)
Power Consumption:	<50W
Dimensions:	12-1/2" X 11 X 3-1/2"
Weight:	18 lbs
FCC ID (USA):	RSNFORCE-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.