

SIGNALMAX FIBER DAS

Wireless Distributed Antenna System

Faster and more cost-effective deployment than traditional DAS

SureCall's SignalMax hybrid-fiber DAS offers all-carrier 5G/LTE coverage, delivering faster data and stronger voice connectivity at a lower cost per square foot than traditional DAS. SignalMax is FCC-certified Part 20 which means its pre-approved for deployment by all major carriers without the need for retransmission agreements.

Near-lossless long-distance transmission, for multi-building use

Fiber optic cables ensure low-latency and nearly lossless transmission up to 4 kilometers, making SignalMax suitable for large multi-building applications and extremely long fiber runs, such as underground structures, subways, parking garages, and more.

Scalable, modular system expands easily with additional remote units

The standard kit includes one Master Unit and one Remote unit with four indoor antennas covering approximately 50,000 sq ft, and can expand up to 125,000 sq ft with additional accessories. Coverage can be expanded further by connecting up to four Remote Units.

Advanced remote monitoring services with 24/7 access

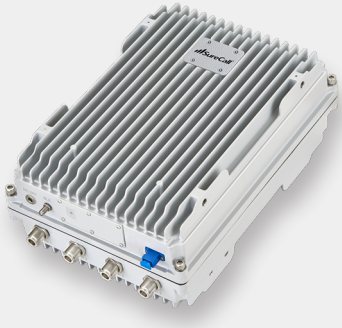
Seamless off-site adjustments with SureCall Cloud IoT, the industry's most advanced booster management and control suite. Remote monitoring is included for the first year at no charge and is available for renewal each year after for a small fee.

Bluetooth mobile installation app with signal meter functionality

The 'SureCall' Bluetooth mobile app offers on-site signal strength and real-time performance readings to help optimize installation.



Master Unit



Remote Unit

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sales@surecall.com | 888-365-6283

Your SureCall dealer: Hear Clear, LLC

Push-to-talk radios and cellular signal boosters

hearclearptt.com

408-471-7137

General Specifications

Uplink Frequency Range (MHz):	698-716 / 776-787 / 824-849 / 1850-1915 / 1710-1755
Downlink Frequency Range (MHz):	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Cellular Bands:	12 / 17 / 13 / 5 / 2 / 25 / 4
Donor/Server Port Impedance:	50 Ohm
Maximum Gain:	64 dB (<1GHz); 72 dB (>1GHz)
Supported Standards:	5G / 4G / LTE cellular standards
Maximum Up / Downlink Power:	30 dBm EIRP / 17 dBm EIRP
Max Downlink Power (Band/dBm):	B12/15.15, B13/15.15, B5/15.71, B25/14.29, B4/14.13
Max Uplink Power (Band/dBm):	B12/23.49, B13/23.94, B5/23.31, B25/20.89, B4/21.41

Master Unit Specifications

Dimensions:	5.5 x 9.3 x 13.4 in
Weight:	14.5 lbs
RF/Optic Connectors:	1 N-Female / 4 SC UPC Female
Operation Temperature:	-22°F to +158°F (-30°C to +70°C)
Power Consumption:	<30 W
DC Input:	48 VDC
User Interface (carrier selection):	BLE & IoT (with SMA antenna) / GPS (with SMA antenna)
Certifications:	Part 15, Part 20, Part 22, Part 24, Part 27, Case Rating IP66 FCC ID: RSN-FIBERMAXMU; BLE Module FCC ID: XPYNINAB1; IoT Module FCC ID: 2AJYU-8VC0002 IC: 7784A-FIBERMAXMU; BLE Module IC: 8595A-NINAB1; IoT Module IC: 8595A- 2AGQN4NNN

Remote Unit Specifications

Dimensions:	5.5 x 9.3 x 13.4 in
Weight:	14.7 lbs
RF/Optic Connectors:	4 N-Female / 1 SC UPC Female
Operation Temperature:	+23°F to +131°F (-5°C to +55°C)
Power Consumption:	<40 W
DC Input:	24 VDC
User Interface (carrier selection):	BLE (with SMA antenna)
Certifications:	Part 15, Part 20, Part 22, Part 24, Part 27 FCC ID: RSN-FIBERMAXRU; BLE Module FCC ID: XPYNINAB1 IC: 7784A-FIBERMAXRU; BLE Module IC: 8595A-NINAB1

Note: The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

The expansion example below features 4 remote units, each with 4 inside antennas. Coverage can be extended further as each of the 4 ports on a remote unit will support up to 4 inside antennas, for a total of 16 inside antennas per remote unit.

