SIGNALMAX FIBER CANADA

Wireless Distributed Antenna System

Faster and more cost-effective deployment than traditional DAS

SureCall's SignalMax wireless DAS offers all-carrier 5G/LTE coverage (698–2200 MHz), delivering faster data and stronger voice connectivity at a lower cost per square foot than traditional DAS. SignalMax enables coverage for projects that were once unfeasible due to the cost and length of thick coax cable. If the target building is pre-wired with dark fiber, the installation economics become even more attractive.

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

SignalMax uses fiber optic cables as its backbone to ensure reliable, low-latency, and nearly lossless transmission over cable up to 4 kilometers long, making it suitable for long-distance and multi-building applications. Fiber-optic transport between Master and Remote Units provides excellent in-building performance and expansion capability.

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.

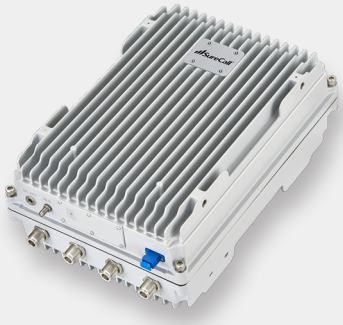
Scalable, modular system expands easily with additional remote units

SignalMax system is expandable and scalable. The Master Unit connects to one Remote Unit for coverage of 60,000 – 75,000 sq ft. Coverage can be expanded by connecting up to four Remote Units.

6-Band booster system with AWS-3 for 5G services in Canada

SignalMax boosts AWS-3 frequency bands for 15% more 5G spectrum than traditional 5-band boosters. It delivers best-in-class RF coverage and connectivity for all Canadian carriers, including Bell, Telus, and Rogers.

Master Unit
SC-FiberMU-CA



Remote Unit
SC-FiberRU-CA

canadiansupport@surecall.com | 888-365-6283

General Specifications

Uplink Frequency Range (MHz):	698–716 / 776–787 / 824–849 / 1850–1915 / 1710-1755 / 1755-1780
Downlink Frequency Range (MHz):	728–746 / 746–757 / 869–894 / 1930–1995 / 2110-2155 / 2155-2180
Cellular Bands:	12 / 17 / 13 / 5 / 2 / 25 / 4 / 66
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, AWS-3 / 14.13
Max Uplink Power (Band/dBm):	B12 / 23.49, B13 / 23.94, B5 / 23.31, B25 / 20.89, B4 / 21.41, AWS-3 / 21.41

Master Unit Specifications

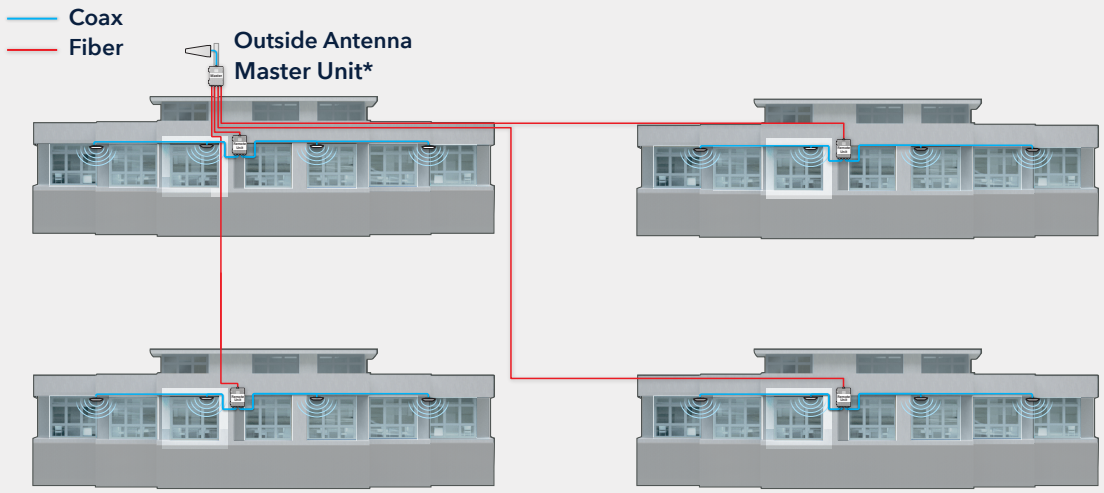
Dimensions:	5.5 x 9.3 x 13.4 in
Weight:	14.5 lbs
RF/Optic Connectors:	1 N-Female / 4 SC UPC Female
Operation Temperature:	-22°F to +158°F (-30°C to +70°C)
Power Consumption:	<30 W
DC Input:	48 VDC
User Interface (carrier selection):	BLE & IoT (with SMA antenna) / GPS (with SMA antenna)
Certifications:	Part 15, Part 20, Part 22, Part 24, Part 27, Case Rating IP66 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 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



**The master unit is outdoor-rated IP66 for roof mounting near the Yagi antenna.*