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Nextivity Cel-Fi GO G41-JE Cellular 4G-5G Stationary Repeater

SKU
RPR-CF-00695
MPN
G41-JE
Barcode
812037032790

Description

Designed to solve cellular coverage issues for indoor environments, the Cel-Fi GO G41 Smart Signal Booster is the most powerful carrier-grade solution available. Providing up to 100 dB gain, GO G41 delivers class-leading 3G/4G/5G voice and data performance. GO G41 also supports 5GNR operation for seamless network migration and consistent connectivity. In addition to providing cellular coverage up to 3,000 m2 (1,500 m2 in U.K.) when configured with the included donor and server antennas, the system can be expanded with outdoor or additional server antennas for an increased coverage footprint. Plus, GO G41 is network safe and offers class-leading ease of installation.



Nextivity

Nextivity, Inc. develops and sells in-building cellular coverage technology products and solutions. The Company helps wireless subscribers and increases radio frequency network capacity for mobile network operators. Nextivity operates in the State of California.

Nextivity is best known for its Cel-Fi range of mobile repeater solutions which provide low cost improved in-building coverage solutions.

RF Specification

Simultaneous Bands
2
Downlink Max. Gain
100 dB
Supported Technologies
3G UMTS, 4G LTE, 5G NR
Relay Bandwidth
40 MHz
Uplink Max. Gain
100 dB
Noise Figure
≤ 7 dB
Group Delay
≤ 5.50 µs
Supported Bands

Frequency Band	Duplex Method	MIMO	Downlink Output Power	Uplink Output Power	Max. Channel Width	Downlink Start Frequency	Downlink Stop Frequency	Uplink Start Frequer

B1 (2100 MHz)	FDD	1x1 SISO	20 dBm	22 dBm 20 MHz	2110 MHz	2170 MHz	1920 MH
B3 (1800 MHz)	FDD	1x1 SISO	20 dBm	22 dBm 20 MHz	1805 MHz	1880 MHz	1710 MH
B5 (850 MHz)	FDD	1x1 SISO	20 dBm	20 dBm 15 MHz	869 MHz	894 MHz	824 MHz
B7 (2600 MHz)	FDD	1x1 SISO	20 dBm	22 dBm 20 MHz	2620 MHz	2690 MHz	2500 MH
B8 (900 MHz)	FDD	1x1 SISO	20 dBm	20 dBm 15 MHz	925 MHz	960 MHz	880 MHz
B28 (700 MHz)	FDD	1x1 SISO	20 dBm	20 dBm 20 MHz	758 MHz	788 MHz	703 MHz
B40 (2300 MHz)	TDD	1x1 SISO	20 dBm	22 dBm 20 MHz	2300 MHz	2390 MHz	2300 MH

RF Connections

RF Connector Function	Quantity	RF Interface	Notes
Donor Input	1	SMA Female	
Service Output	1	SMA Female	

Network Interfaces

Wireless Interfaces

Bluetooth Interface

Protocol

Bluetooth 4.2

Power Class

Class 3

Ethernet Interfaces

Interface	Quantity	Function	Signalling
RJ45 Copper	1	Management	100BASE-T

Physical Specification

Ingress Protection

IP20

Mounting

Screw / Bolt

Dimensions

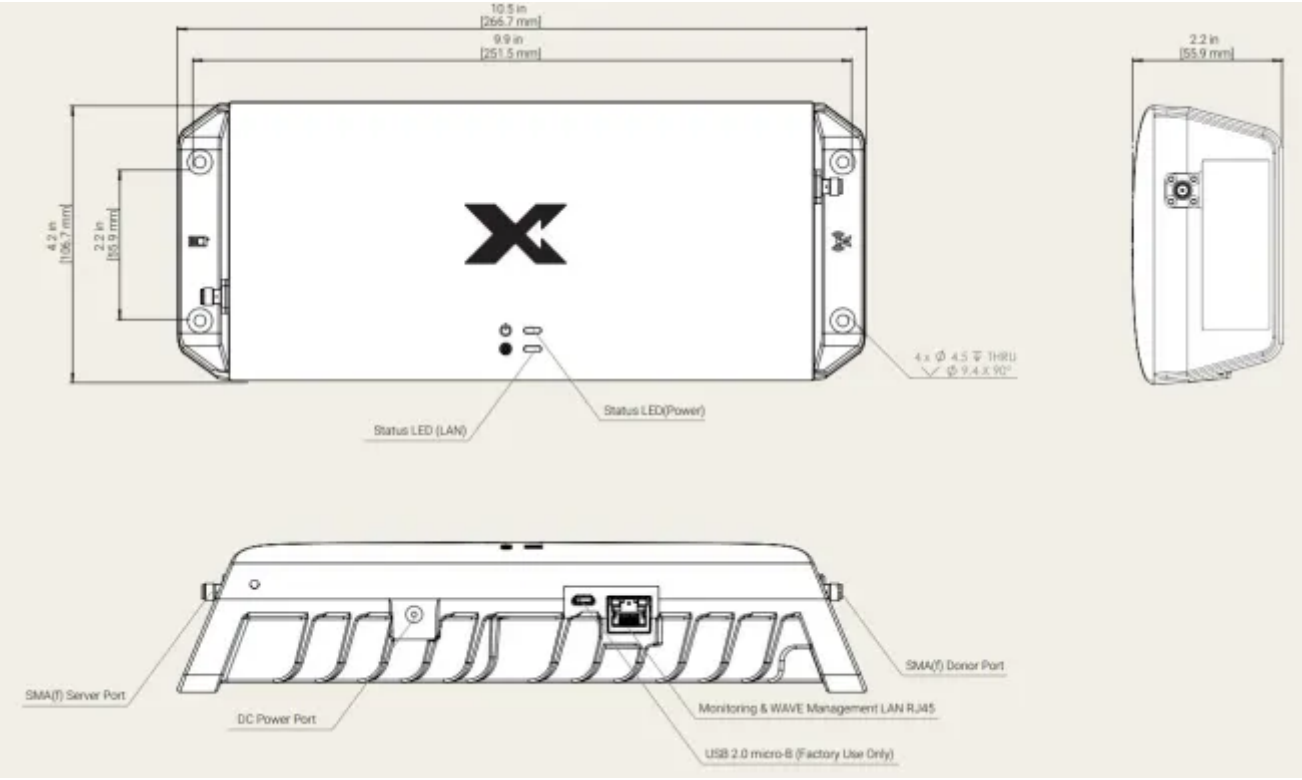
260 × 107 × 63 mm

Compliance/Certifications

CE
,
R-NZ
,
RCM
,
RoHS
Min. Operating Temperature
0 °C
Max. Operating Temperature
40 °C
Weight
2 kg
Device Power Specifications
Max. Consumption
40 W
Power Interface

Power Connector	Min. Input Voltage	Max. Input Voltage	Voltage Type
DC Coaxial, Type A, Female 5.5 x 2.5 mm	9 V	13 V	DC

Drawing



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