Repeaters

R1910C
In-Building PCS CDMA Repeater

Holes in your PCS network can result in dropped calls, frustrated subscribers, and lost revenue. Solve your indoor coverage problems quickly and easily with WJ Communications R1910C in-building repeater. The "over the air" CDMA repeater provides coverage to retail stores, shopping malls, airports, multi-story buildings and small site applications that obstruct PCS signals.

Small, lightweight, and easy to install, the R1910C repeater provides in-building coverage in less than a day. One installer can mount the unit and connect it to the antennas with low cost coaxial cables. Simply plug it in and turn it on. Coverage is immediate and seamless. The R1910C also comes with software to monitor signal strength and alarms and control frequency channel and gain.

Single and multi-carrier capability are available as well as RS232 and modem interfaces. Software running Windows 9X, Windows NT and 2000 allows the installer to monitor alarm and signal information.

- **Covers Buildings up to 1 Million Square Feet**

- **Retail Stores & Shopping Malls**

- **Airport Terminals**

- **Easy Installation**

- **Low Cost**

The Communications Edge™

WJ WIRELESS COMMUNICATIONS PRODUCTS
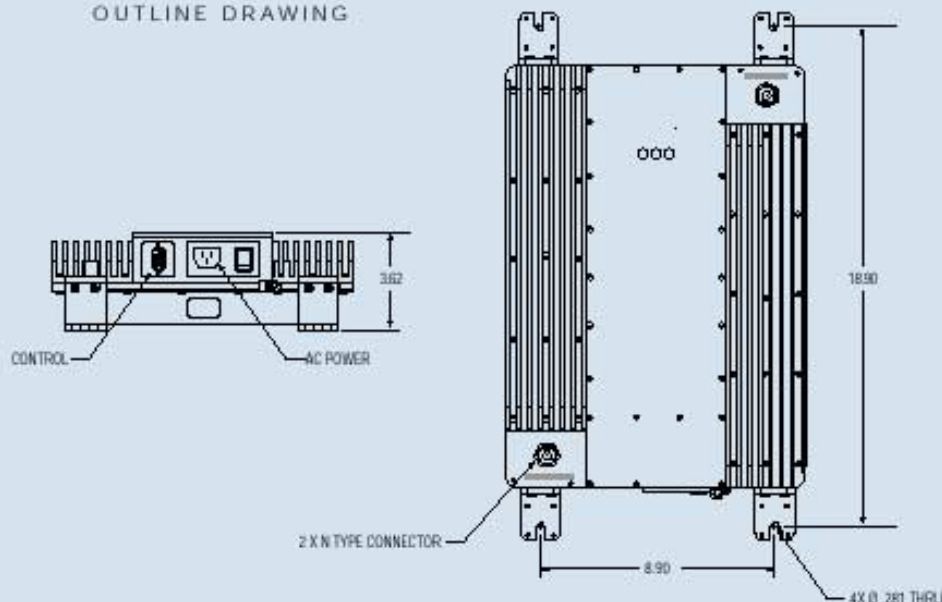1-800-WJ1-4401 · FAX: 408-577-6620 · e-mail: sales@wj.com

wj communications

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Specifications

Frequency Range	Models Available to Cover Bands A, B, C, D, E, F
Output Power	100 mWatts CDMA
Filter Bandwidth	1.25 MHz (contact factory for other bandwidths)
Noise Figure	4 dB Typical @ max gain, 6 dB Typical @ min gain
Gain Range	65 dB to 95 dB
Gain Steps	2 dB
Carriers	Single and multiple
Signal Delay	5 µsec.
RF Connectors	Type N
Power supply	110 VAC, 60 Hz, 60 Watts
Alarms & Status	Input Overload, Synthesizers, Amplifiers, Power Amplifiers, Output Power, RSS
Interface	RS-232 (Modem optional)
Control	Gain, Channel frequency
Cooling	Convection
Temperature	Operating: -10 to +45 C
	Storage: -40 to +85 C
Size	12" x 16" x 3"
Weight	19 lbs
Weather Resistance	NEMA 12
Approvals and Certification	FCC Type Certified, UL Approved

OUTLINE DRAWING

CONTROL — AC POWER

3.62

18.90

2 X N TYPE CONNECTOR

8.90

4X Ø .281 THRU

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