

# JANUS REMOTE COMMUNICATIONS

## Embedded Cellular XF Footprint CDMA910XF Plug-In Modem

### Description

The CDMA910XF Plug-In modem is an end device certified CDMA 1xRTT 2G cellular modem for use on Verizon and Sprint 2G networks. Based on the industry standard 20-pin connectors, it incorporates the Telit CDMA910-DUAL dual band module. The Janus CDMA910XF is a low cost, end device certified embedded modem alternative and is pin compatible with the full line of Janus Common Footprint (XF) Plug-In products.

End device certification allows users to implement the CDMA910XF in their devices with no further North American carrier certification requirements.

Take the complexity out of designing cellular IoT solutions.

Verizon Version: CDMA910XF v3.00

Sprint Version: CDMA910XF v2.00

### Technical Specifications

#### Form Factor

Industry Standard 20-Pin Connector Interface  
1.14" x 1.3" x 0.256"

#### Approvals

Regulatory: FCC  
Carrier: Verizon, AERIS

#### Speeds

3.1Mbps Download  
1.8Mbps Upload

#### Current Consumption

Input voltage: 3.5V-4.3Vdc  
I/O voltage: 1.65V-5.5Vdc  
Sleep mode: 15uA  
Normal: 3mA  
Active call: 750mA

#### Temperature Range

Operating and Storage Temperature -40°C to 85°C

#### Antenna Specifications

1 U.FL primary and diversity

#### Support and Warranty

1 Year standard warranty



### Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for antenna diversity
- 1 U.FL for GPS & GLONASS
- Easy migration path, future-proof
- Development kits available
- Capable of 21 Mbps download / 5.7 Mbps upload speed

### Advantages

- Approvals: FCC and Verizon OD Certified
- Supports GPS & GLONASS
- Migration path to 1xRTT, GSM & LTE
- Bundled data plans available

### Applications

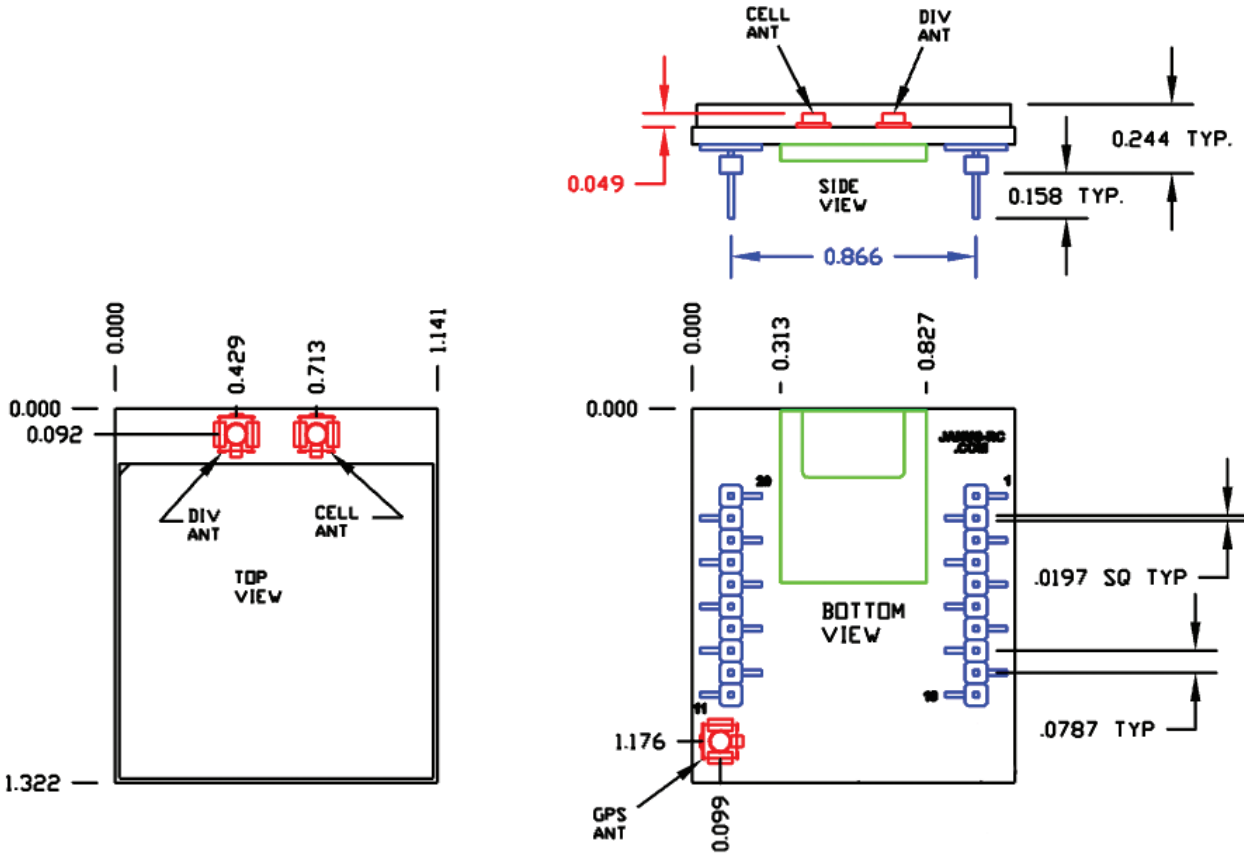
Suitable for all IoT / M2M Applications

- Fleet Management
- Asset Tracking
- Security Systems
- Telemetry
- Telematics & Telecontrol
- Remote Monitoring Systems
- Remote Meter Reading
- Vending Machines

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# CDMA910XF Mechanical Drawing



## Ordering Information

<b>CDMA910XF</b>	<b>V300</b>	<b>T</b>	<b>A</b>	<b>U</b>	<b>V</b>	<b>N</b>
<b>Cellular Terminal</b> CDMA, EVDO CDMA910XF	<b>Carrier Certified &amp; Version</b> CDMA V200 = Sprint V300 = Verizon	<b>Modem Provider</b> T = Telit	<b>Firmware</b> A = Standard	<b>Connector</b> G for GSC U for U.FL	<b>Voltage</b> V = Variable	<b>Config Options</b> N = No Config P = Provisioning A = Activation S = SIM Note 1

Example: Part Number – CDMA910XFV100TAUVN = CDMA Cellular Plug-In Terminal; Verizon Certified; Telit Modem; Standard Firmware with a U.FL Connector with a Variable Voltage with no configuration options.

**Notes:**

1. Config Options: Provisioning is turning on a device on the network. Activation is assigning MEID's to a customer account. SIM designation is for installation of the SIM

Contact Sales for Additional Special Order Options: Dave Jahr: djahr@janus-rc.com | 630-499-2121

## Revision History

Revision	Revision Date	Note
00	03/07/17	Initial Release
01	04/19/17	Updated Dimensions and contact information



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