

JANUS REMOTE COMMUNICATIONS

Embedded Cellular XF Footprint EVDO910XF Plug-In Modem

Description

The EVDO910XF Plug-In modem is an end device certified CDMA EVDO 3G embedded cellular modem for use on Verizon and Sprint 3G networks. Based on the industry standard 20-pin connectors, it incorporates the Telit DE910-DUAL dual band module, the Janus EVDO910XF is a GPS integrated embedded modem alternative.

The full XF line shares the Industry Standard 20-pin connector footprint and is flexible in implementation - both into new product designs and with existing Take the complexity out of designing cellular IoT solutions.

Verizon version: EVDO910XF v3.00

Sprint Version: EVDO910XF 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

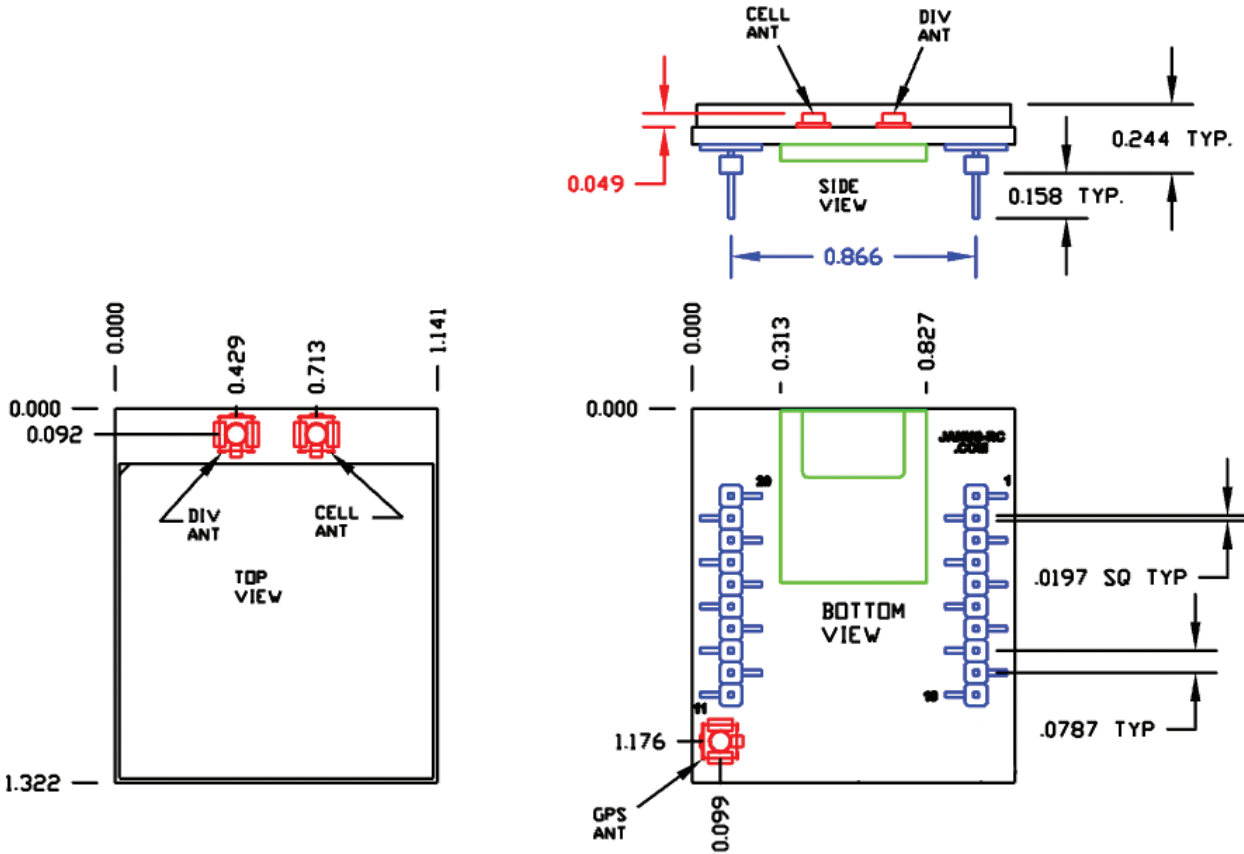
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Bulletin **JA20-PB_CDMA**
Revision **01**
Date **19 April 2017**



Making machines talk.

EVDO910XF Mechanical Drawing



Ordering Information

EVDO910XF	V300	T	A	U	V	N
Cellular Terminal CDMA, EVDO EVDO910XF	Carrier Certified & Version EVDO V200 = Sprint V300 = Verizon	Modem Provider T = Telit	Firmware A = Standard	Connector G for GSC U for U.FL	Voltage V = Variable	Config Options N = No Config P = Provisioning A = Activation S = SIM Note 1

Example: Part Number – EVDO910XFV100TAUVN = 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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