

# JANUS REMOTE COMMUNICATIONS

## Embedded Cellular XF Footprint LTE910XF v8.00 CAT 4 Plug-In Modem

### Description

The Janus LTE910XF v8.00 CAT 4 Socket Modems, based on the industry standard 20-pin DIP “X” footprint, are PTCRB and Carrier “end device” certified LTE modems available for all wireless IoT applications. They support North American LTE bands and include fallback capability, minimizing hardware and network access costs. The LTE910XF “end device” carrier certification allows for end application integration with no further North American carrier certification requirements.

Incorporating the Telit LE910-NA V2 module, the Janus LTE910XF v8.00 is available for use on AT&T, T-Mobile, Verizon, Rogers, Bell, and Telus networks. It is pin compatible with the full line of Janus “X” Footprint Socket Modems, available for all 2G, 3G, and 4G LTE networks worldwide.

The Janus line of “X” Footprint (XF) embedded cellular Socket modems are specifically designed to provide customers with cost-effective products that are easily integrated into new and existing designs. They allow users to add robust, scalable cellular connectivity to any IoT application with few integration or cellular certification issues.

Available in two different versions for North America:  
**LTE910XF v8.00 TAUVN** (AT&T, T-Mobile, Rogers, Bell, Telus)  
**LTE910XF v8.00 TAU NV** (Verizon)

### Technical Specifications

#### Form Factor

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

#### Approvals

Regulatory: FCC, GCF, PTCRB  
 Carrier: AT&T and T-Mobile

#### Speeds

150Mbps Download  
 50Mbps Upload

#### Current Consumption

Input voltage: 3.4V - 4.2Vdc  
 I/O voltage: 1.65V - 5.5Vdc  
 Sleep mode: 1.2mA  
 Normal: 12.2mA  
 Active call: 580mA

#### Temperature Range

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

#### Antenna Specifications

1 U.FL primary, 1 U.FL RX Diversity in MIMO

#### SIM Slot

3FF Micro SIM connector

#### Support and Warranty

1 Year standard warranty

*Take the complexity out of designing cellular IoT solutions with Janus Socket Modems.*



### Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for antenna diversity
- Easy migration path, future-proof
- Development kits available
- Capable of 150 Mbps download / 50 Mbps upload speed

### Advantages

- Approvals: FCC, GCF, PTCRB, AT&T, CE
- Migration path to new LTE categories
- 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

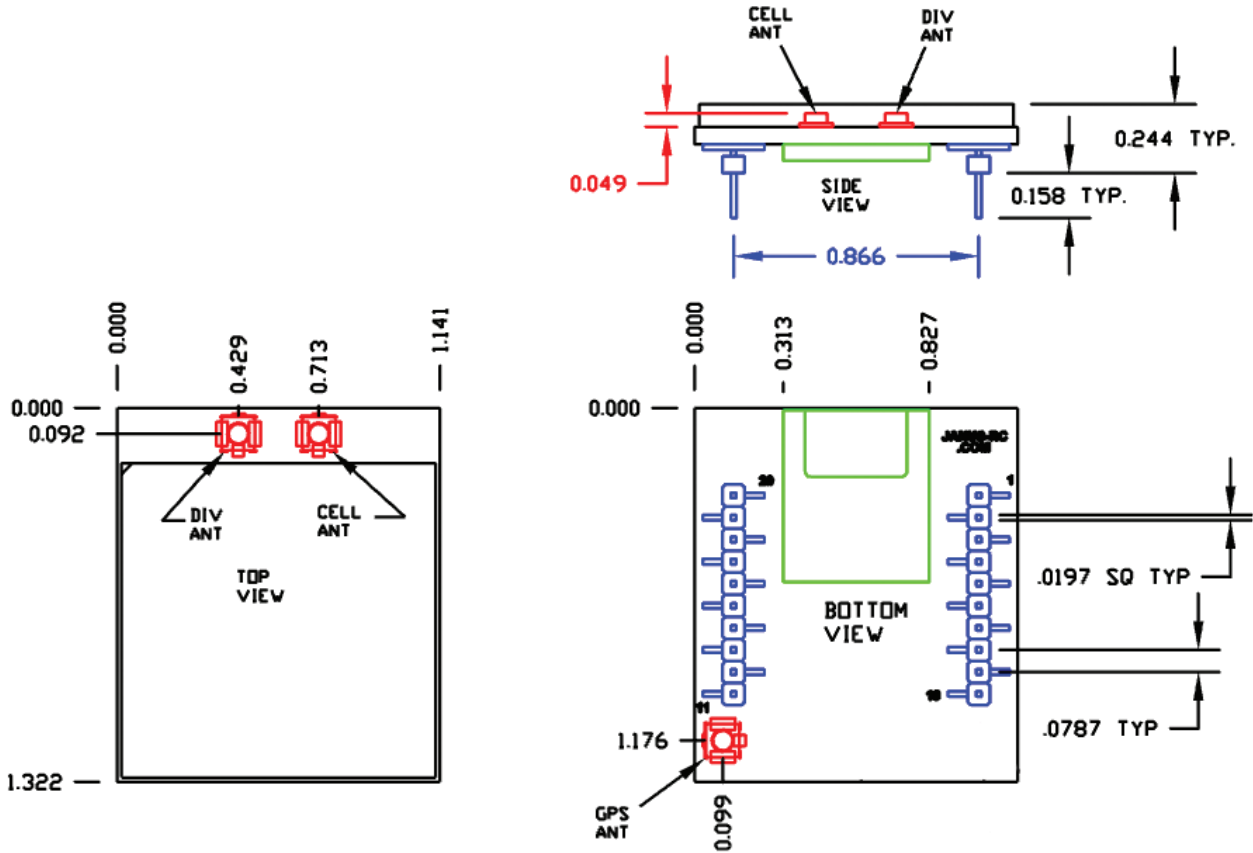
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Bulletin **JA20-PB\_LTE-C4-v8**  
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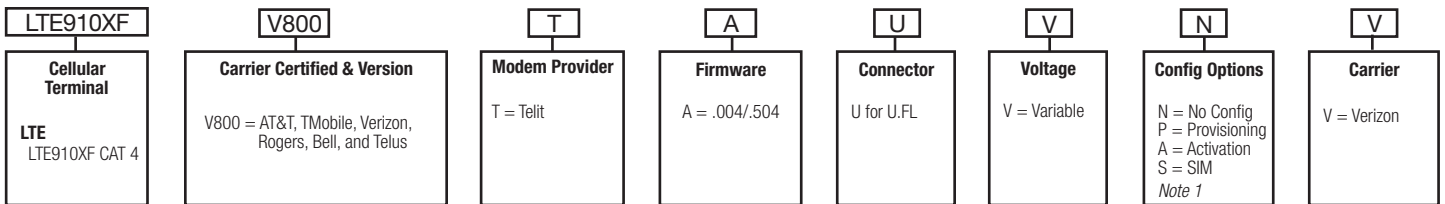


**Making machines talk.**

# LTE910XF Mechanical Drawing



## Ordering Information



Example: Part Number – LTE910XFV800TAUVN = LTE Cellular Plug-In Terminal; AT&T 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	08/29/17	Initial Release
01	09/19/17	Updated Specs, Features, Speeds, Ordering Info and Antenna Specifications
02	03/13/18	Updated to add Verizon
03	05/02/18	Updated Telit module, Firmware Ordering Information



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