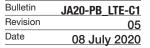


info@janus-rc.com www.janus-rc.com





Embedded Cellular XF Footprint LTE910XF CAT 1 Socket Modem

Description

The Janus line of "X" Footprint (XF) socket modems are footprint compatible cellular modems for use in LTE communication networks globally. They are carrier "end device certified" with industry standard 20-pin headers that are easily integrated into new and existing designs. Their "end device" classification allows users to integrate any certified cellular XF modem into their application with no further requirements, allowing for a quick to market solution. The XF modems are interchangeable to allow for maximum network flexibility while removing the worry of product obsolescence.

The LTE910XF v7.00 CAT1 Socket Modem uses Telit's LE910-NA1 as their cellular engine. The LTE910XF v7.00 units operate in LTE CAT1 bands B2, B4, B5, B12 and B13, with fallback to HSPA+.

Technical Specifications

Form Factor

Industry Standard 20-Pin Connector Interface **PCB Mount**

1.14" x 1.3" x 0.256"

Approvals

Regulatory: FCC, GCF, PTCRB Carrier: AT&T and Verizon

Temp Range: -40°C to 85°C

Input Voltage: 3.5 to 5.5Vdc

Data Rate: LTE: 10.3D/5.2U Mbps

Frequency Bands: LTE bands B2, B4, B5, B12, and B13

TCP/IP stack access via AT commands

Cellular, Rx Diversity & MIMO DL 2x2



Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for antenna diversity
- Easy migration path, future-proof
- Development kits available
- Capable of 10 Mbps download / 5 Mbps upload speed

Advantages

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

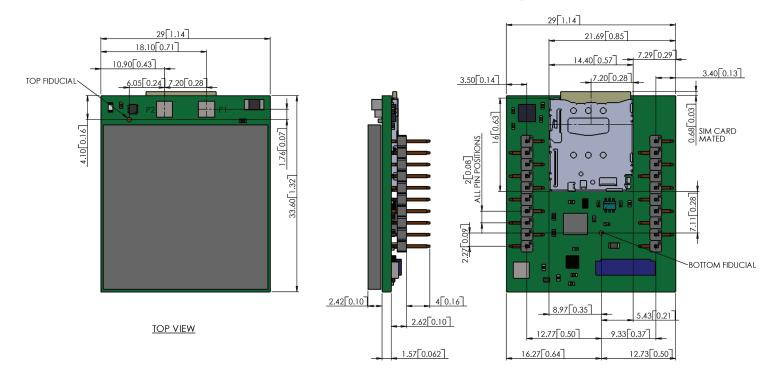
Applications

Suitable for all IoT / M2M Applications

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



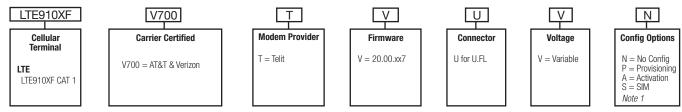
LTE910XF CAT1 Mechanical Drawing



BOTTOM VIEW

Driving Dimensions: mm [inches]

Ordering Information



Example: Part Number - LTE910XFV700TVUVN = LTE Cellular Plug-In Terminal; AT&T and Verizon Certified; Telit Modem;

Standard Firmware with a U.FL Connector with a Variable Voltage with no configuration options.

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	01/10/18	Initial Release
01	07/10/18	Additional description information
02	10/03/18	Updated Mechanical Drawing
03	03/20/19	Updated Voltage Range
04	02/20/20	Updated Certification information
05	07/08/20	Updated Model Number to v7.00 for both Verizon and AT&T



