

# JANUS REMOTE COMMUNICATIONS

## 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

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