

NimbeLink® Skywire® 4G LTE Cat 1 bis Modem

Simplify Your Design. Accelerate Your Launch.

The **Skywire® Cat 1 bis** Global modem delivers certified LTE connectivity in a compact, developer-friendly form.

It combines single-antenna LTE, GNSS support, and global certification with the Skywire® 20-pin form factor – so you can build faster, simplify design, and scale confidently.



P/N: NL-SW-LTE-QC1bisWWG (Global)
P/N: NL-SW-LTE-TC1bisNAG (NA)

What is Cat 1 Bis?

- Optimized for IoT
- Single-cellular antenna design
- Spectrum-efficient
- Ideal for low-power, battery sensitive applications

Why NimbeLink Modems?

- ✓ **Get to market faster**
- ✓ **Easy, certified cellular integration**
- ✓ **Reduce cost and design complexity**
- ✓ **Developer-friendly documentation**
- ✓ **Expert-level product support**
- ✓ **Drop-in upgrade path across LTE categories**

KEY BENEFITS

Certified for end-applications* — decrease the cost and time of development projects

Global LTE coverage — reliable connectivity for a wide range of applications

Pin compatible with all NimbeLink modems — easy to switch for future changes

GNSS support —GPS, GLONASS, Beidou/Compass, Galileo, QZSS

Global hardware compatible — pin-compatible with all NimbeLink modems

KEY FEATURES

- Compact, single-antenna cellular form-factor
- Flexible antenna options
- SKU options for North America and Global Band Support
- Skywire™ 20-pin standard pinout
- USB & UART serial interfaces
- Verizon embedded SIM included
- Supports power save mode and eDRX
- RoHS/ REACH compliant / Radio equipment directive

Development Kits - Start prototyping today

Build, test, and connect faster with plug-and-play Skywire® development kits. No soldering, no RF tuning, no delays.



P/N: NL-SWDK2

* Due to evolving PTCRB certification requirements, additional testing might be required. Please contact your cellular carrier for more information.