Skywire 4G LTE CAT 4 EU

NimbeLink, a global leader in embedded cellular modem technology and asset tracking solutions, has introduced the Skywire NL-SW-LTE-TC4EU modem. The Skywire® 4G LTE CAT 4 EU modem is the fastest and most cost-effective way to bring cellular connectivity to your IoT products in Europe. Approved for use on the Orange LTE CAT 4 network with fallback to 2G/3G, the CAT 4 EU modem delivers exceptional download and upload speeds.

Features

- Small form-factor
- U.FL port for antenna flexibility
- Skywire interface
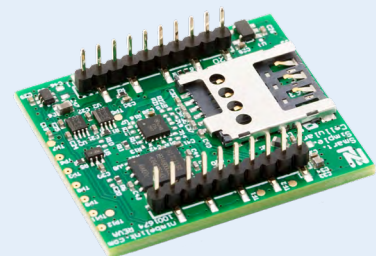- 4G LTE CAT 4 with 2G/3G fallback

Advantages

- Longest Network Life
- CAT 4 LTE Speeds (Up to 150 MB down/50 MB up)
- Improved reception with RX diversity
- Penta-Band LTE support

Part Number	Description
NL-SW-LTE-TC4EU	Skywire LTE CAT 4, Europe, 2G/3G Fallback

About The Skywire Family

Skywire cellular modems are designed to make cellular integration as fast and as easy as it can be. Exceptionally small, pin-compatible, and end-device certified, Skywire modems enable developers to quickly and reliably connect IoT products to cellular networks around the world. Skywire modems are backed by industry leading documentation and expert-level product support.

Technical Specifications (NL-SW-LTE-TC4EU)

Target Region	
	Europe
Compatible Carriers	Orange, Vodafone
Cellular Technology	
LTE Category	LTE CAT 4
LTE Frequency Bands	FDD B1[2100], B3[1800], B7[2600], B8[900], B20[800]
3G Technology Supported	HSPA+
3G Frequency Band	B1 [2100], B8 [900]
2G Technology Supported	GSM, EDGE
2G Frequency Band	GSM900, DCS1800
Data Speeds	
Download Rate and Upload Rate	Download: LTE: 150 Mbps | HSPA+: 42.0 Mbps | EDGE: 296 Kbps | Upload: LTE: 50 Mbps | HSPA+: 5.76 Mbps | EDGE: 236.8 Kbps
Hardware	
Form Factor	Skywire Interface
Dimensions	29mm x 33mm x 10.5mm
Weight	8 grams
Internet Protocols	
Network Stack Support	Integrated TCP/IP, UDP/IP, HTTP, FTP, SSL/TLS, SMTP, IPv4/IPv6, NITZ, PING, PPP Stacks
SMS	SMS over IMS
Location	
GNSS	N/A
Power	
Supply Voltage	3.4V - 4.2V (3.8V nominal)
I/O Voltage	1.65V - 5.5V
Current Consumption	Average 135 mA | Peak 225 mA | Idle 40 mA | Sleep N/A
Interfaces	
Data Interface	UART, USB (USB 2.0 compliant)
USB Driver Support	OS: Windows 7 | Windows 8 | Windows 10 | Linux Drivers: MBIM | PPP | RNDIS | ECM | QMI | NMEA | AT Console
RF	Primary (U.FL), Rx Diversity and MIMO DL 2x2 (U.FL)
SIM	
Type	3FF SIM card slot
Approvals	
Regulatory Certifications	CE/RED
Carrier Approvals	
Compliance	RoHS compliant
Temperature Range	
Industrial Grade	-40°C to +85°C
Support and Warranty	
	1 Year standard warranty

About NimbeLink

NimbeLink is the world's most trusted partner for cellular solutions for the Industrial Internet of Things (IIoT). The Skywire® series of cellular embedded modems, enable dramatic reduction in development and time-to-market. NimbeLink also develops and markets complete, highly configurable edge-to-enterprise Asset-Tracking Solutions.

For more information, visit NimbeLink.com