

DUAL CELLULAR + GNSS ANTENNA

Dual high sensitivity cellular (4G/LTE) + GNSS antenna for faster speeds, superior range, and solid connectivity for network devices. This 3-in-1 antenna features a dual 4G LTE + MIMO diversity antenna and an omnidirectional GNSS L1 antenna. All 3 antenna connectors use an RP-SMA male type connector. The antenna can be mounted on the surface of devices via adhesive or other methods making it ideal for telematics, transportation and remote monitoring applications for worldwide connectivity. Specially designed for Syrus 4G IoT Gateway.

PART NUMBER
S4G-CEL-GNSS



TECHNICAL SPECIFICATIONS

	CELLULAR	GNSS/GPS
Frequency Range	4G/4G DIV: 698-960 MHz; 1710-2690 MHz	GNSS: 1575.42 ±5 MHz; 1561.098 ±5 MHz
Input Impedence	50 Ω	50 Ω
VSWR [Voltage Standing Wave Ratio]	4G: ≤ 1.5 4G DIV: ≤ 2.0	GNSS: ≤ 1.25
Gain	4G: ≤ 1 dBi 4G DIV: ≤ 1 dBi	1575 MHz: 1.97 1561 MHz: 1.89
Polarization Type	Polarization Type Linear(4G/4G DIV)	Circular (GNSS)
Voltage Range		3.0 V ~ 3.6 V
Impedance		≤ 10 mA

MECHANICAL	
Antenna Size (mm)	84 × 17.5
Casing	ABS + PC
Cable Type	RG174 Black
Cable Length	2.5m
Connector Type	Male (Internal screw internal pin)
Working Temperature	-40 °C to +85 °C
Weight Typical	119g
Radome Color	Black
Mounting Type	Adhesive
IP Rating	IP66

RECOMMENDED INSTALLATION

