

Product Description

Q1-GL-S is a rugged combination antenna of GNSS and telecom LTE bands, which features excellent GPS/GLONASS signal quality and cellular 2G/3G/4G coverage. With anti-UV material and water ingress design, the combo antenna is easy to install and able to meet commercial and industrial standards.

Q1-GL-S

Adhesive/Magnetic Mount

2-in-1 Combo Antenna



Compliant



Mechanical Specification

Dimension	69.6 (dia.) x 21mm
Mounting	3M Adhesive / Magnetic
Standard Cable & Connector	3 meter RG174 SMA (SP) connector
Connector	SMA (SP), customizable
Operation Temp.	-35°C~+85°C
Humidity	65%-95% RH
Waterproof	IP67

Electrical Specification

GPS/GLONASS

Frequency (MHz)	1575.42MHz, 1602MHz
VSWR	< 1.5
Peak Gain	4.5 dBi
Polarization	R.H.C.P.
Impedance	50 ohm
LNA Gain	28 +/- 2 dB
LNA VSWR	< 1.5
Noise Figure	< 1.5
DV Voltage	2.7~5V
DC Current	8~13mA

Cellular (and WiFi - optional)

Frequency	698-960MHz 1710-2690MHz
Gain	-0.7dB / 5.5dB
Efficiency	36% / 66%
Impedance	50 ohm
VSWR	< 2.0
Polarization	Linear