

CLG ANTENNA

CLG Low Profile Antenna

The CLG antenna is a low profile puck antenna supporting a 4G/LTE multiband element and an active GPS/GLONASS element. IP67 when mounted, the CLG antenna offers a sturdy and effective solution in applications where a combined 4G/LTE and GNSS is required. This antenna is permanently mounted via a stud underneath.



Applications

- ▶ Vehicles / Transportation
- ▶ Telematics
- ▶ Mobile Terminals
- ▶ Tactical Applications

Key Features

- ▶ Low Profile Puck Antenna
- ▶ 1 x 4G/LTE Multiband Element
- ▶ 1 x Active GNSS Element
- ▶ Permanent Mount / IP67
- ▶ Mount onto Metal Surface

ELECTRICAL SPECIFICATIONS

LTE Frequencies	Peak Gain	VSWR	Input Power	Impedance	Polarization
690-800/ 800-960/1710-2170/2500--2690 MHz	1 / 2.5 / 3.8 / 5 dBi	<3.0:1	10w	50 Ohm	Linear
GNSS Frequencies	Peak Gain incl LNA	VSWR	Input Power	Noise Figure / Consumption	Polarization
1575.42-1602 MHz	26 dB	<2.0:1	DC +2.8~5.0V	Max.2.0 (Typical 1.0) / 30 mA (max)	RHCP

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	Radome Material	IP-Rating	Mounting
106 x 33.5mm (dxh)	2 x RG174	2 x SMA-Male (FME, MMCX, CRC9 & TS9 optional)	UV-Resistant ASA	IP-67	Permanent Stud Mount 20mm threaded stud

POPULAR ORDERING OPTIONS

FCLG35311-SMSM-1K	CLG Antenna with 2 x 1M RG174 and SMA-Male connector
FCLG35311-SMSM-2K	CLG Antenna with 2 x 2M RG174 and SMA-Male connector
FCLG35311-SMSM-3K	CLG Antenna with 2 x 3M RG174 and SMA-Male connector