



License Plate Frame Antenna (patented)

The CLP Series License Plate Frame Antenna from Mobile Mark accommodates multiple antennas in one package. This patented design feature antenna elements that are actually hidden away inside the license plate frame.

Anyone looking at the vehicle will see the license plate and frame but will see no evidence of an antenna. This antenna is particularly beneficial for undercover and discreet security applications.

There are four different CLP Series antenna models to accommodate the various Cellular/GSM & Data combination available worldwide. These models and the frequencies covered are detailed in the tables below. Gain figures for this antenna series are Cellular: 2.5 dBi gain and GPS: 5 dBi gain (26 dB Amplifier).

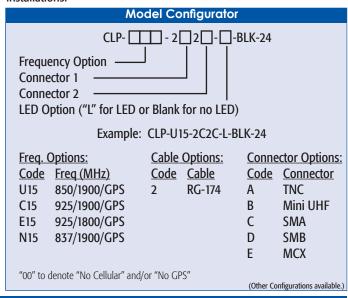
The CLP Covert License Plate Frame Antenna can be mounted on either the front or rear of a vehicle. For states where license plate lighting is required, an LED lighting module can be added to the frame. This lighting option is available for any of the GPS, Cellular & WiFi antenna combinations. Add "-L" to the model number to indicate LED lighting.

The antenna is designed for easy installation; each band has a

Covert License Plate Frame Cellular & GPS

- Antenna elements hidden inside the frame of the license plate
- 2 cables; each band has a separate cable
- Ideal for undercover applications
- Patented antenna design

separate cable feed and RF connector. Cable length is typically 2 feet (61 cm). Jumper cables can acommodate either car or truck or trailer installations.



Specifications			
Cellular Frequency (Cable 1):		GPS Frequency:	1575.42 +/- 2 MHz
U15	824-894 & 1850-1990 MHz	Impedance	50 Ohms Nominal
C15	870-960 & 1850-1990 MHz	Power:	10 Watts Max
E15	870-960 & 1710-1880 MHz	Cables:	Both cables RG-174, 2ft (610mm)
N15	806-870 & 1850-1990 MHz	Case:	12.4"D x 6.4"H
Cellular Radio/Modem: Gain VSWR	2.5 dBi (peak) 2:1 max over range	Case Material: Mounting:	(315 mm x 162 mm) UV resistant ASA, Color: Black Standard license plate frame mounting
GPS (Cable 2): Amplifier Gain Antenna Gain Noise Figure Amplifier Bias Amplifier Current	26dB, LNA 5 dBi nominal RHCP 2.0 dB max, 1.7 dB typical 2.7 to 5 VDC 20 mA max, 10 mA typical	Connectors: Operating Temp: Shock & Vibration: Water Ingress:	(4 grommet openings) SMA/SMA standard -40 to +85 ° C EN 61373, IEEE 1478, MIL-810G TIA-329.2-C IPx7