



High Performance GPS/GSM-CDMA Dual Antenna (Model: A-GPSA56-AVNGxxxxxx)

Description

A-GPSA56-AVNG series is a high performance GPS/GSM-CDMA dual antenna, specially developed for city public transport applications, such as buses, trams and taxis.

The extremely low noise figure, excellent polarised circulation and stable phase/gain parameters help to ensure that performance exceeds most commonly-used commercial GPS antennas. It is the best choice for GPS systems which require high sensitivity and reliable performance in city environments, where strong reflection of GPS signals always cause huge errors to the GPS system (this is why some GPS systems do not work well, or even stop working, in the city).



Specifications

GPS Antenna

Operational Frequency	1575 +/- 5 MHz
Gain	33 dB typical
Noise Figure	0.5 dB typical
Polarisation	RHC (Right Hand Circulation)
Filtering	>80 dB to all radios and mobile phone bands
DC Supply	2.7 - 15V / 35 mA typical
Operational Temperature	-40°C to +65°C
Humidity	100%
RF Connection	Bottom exit high quality cable arrangement (Customised connections available).

GSM-CDMA Antenna

Operational Frequency	800 - 960 MHz / GSM 1800
Gain	3 dBi
Input RF Power	1w max.
RF Connector	Bottom exit high quality cable arrangement (Customised connections available).
Size	90mm x 130mm max.