

High Performance GPS/GSM-CDMA Dual Antenna

A-GPSA56-AVNG series is a high performance GPS/GSM-CDMA dual antenna. This product was developed specifically for a public transport use, such as buses, light rail & trams. 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.

With an excellent track record and hundreds of installations, this antenna is the ideal choice for GPS systems which require high sensitivity and reliable performance in dense urban applications where strong reflections often corrupt GPS signals resulting in huge errors to the GPS system.



Specifications

Part Number A-GPSA56-AVNG (17A17A60)
(Connectors & Cable Length details)

GPS Antenna

Frequency Range	1575 +/- 5 MHz
LNA Gain	33 dB Typical
LNA Noise figure	0.5 dB Typical
Polarization	RHC (Right Hand Circular)
Filtering	>80dB to radios & mobile phone bands
DC Supply	2.7 to 15 Volts @ 35mA Typical
Temperature Range	-40 to + 65 Degrees C
Humidity	100%
RF Connections	Bottom exit, customer specified.

GSM-CDMA Antenna

Frequency Range	800-960 MHz / GSM 1800 MHz
Gain	3dBi
Input RF Power	1 Watt max
RF Connector	Bottom exit, customer specified.
Size	146(d) x 100(h) mm + Cables & Connectors
Weight	235 Grams, Max 500 grams

