

SX-105T Through Hole GSM/GPS Antenna Specification



SX-105T Through hole Antenna Features

- ▶ Through-hole mounted GSM/GPS Antenna
- ▶ Compact Design for Car or Truck Use
- ▶ Designed for GPS/GSM Vehicle Telemetry
- ▶ GSM/GPS Antennas for Vehicle Fleet Management
- ▶ GSM/GPS Vehicle Navigation & AVL
- ▶ GSM/GPS Antenna for Vehicle Tracking
- ▶ GSM/GPS Antenna for AVL Tracking
- ▶ Some customization available

SX-105T Specification

- ▶ Colour: Black
- ▶ Dimensions: 64.5mm(D) x 19.5mm(H)
- ▶ Operating Temperature: -40°C to 80°C
- ▶ Storage Temperature: -40°C to 100°C
- ▶ GPS Cable/Connector: 5 Meter/RG174/FME
- ▶ GSM Cable/Connector: 5 Meter/RG174/SMA
- ▶ Antenna Characteristics: Measured using 50x50 mm ground plane
- ▶ GPS Antenna Frequency: 1.57542GHz (L1 BAND)
- ▶ GSM Antenna Frequency: 824 MHz ~ 894 MHz (GSM 850)
890~960 MHz (GSM 900)
- ▶ GSM Antenna Frequency: 1710~1890 MHz (GSM 1800)
1840 ~ 2000 MHz (PCS 1900)
- ▶ GPS Antenna Gain (without cable): 27 dB
- ▶ GSM Antenna Gain (without cable): 850MHz= -1.0dBi 900MHz=1.0dBi
- ▶ GSM Antenna Gain (without cable): 1800MHz=1.0dBi 1900MHz=0dBi
- ▶ GPS VSWR: <= 1.8
- ▶ GSM VSWR: <= 2.0 with 5meter cable
- ▶ Noise: 1.2 max
- ▶ GPS Antenna Bandwidth: 2 MHz
- ▶ GSM Antenna Bandwidth: 136MHz for frequency of 824MHz-960MHz
- ▶ GSM Antenna Bandwidth: 280MHz for frequency of 1710MHz-1990MHz
- ▶ GPS/GSM Antenna Impedance: 50 Ohm
- ▶ Polarization: (GPS) R.H.C.P. (GSM) Linear
- ▶ GPS Antenna Power Supply: 3.0~5.5 V DC
- ▶ GPS Antenna Power Consumption: 12mA
- ▶ GSM Power Capacity: 10W



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