

SX-102 Quad Band GSM/GPS Antenna Specification



SX-102 Specification

- ▶ Colour: Black
- ▶ Dimensions: 55.15 x 12 mm
- ▶ Operating Temperature: -40°C to 85°C
- ▶ Humidity: 40 to 95% RH
- ▶ Connector: GPS or GSM Options MMCX , MCX , SMA , BNC , SMB
- ▶ Cable: Black RG-174 2000~5000±100 mm
- ▶ Antenna Characteristics: measured with 70x70 mm ground plane in an anechoic chamber
- ▶ GPS Antenna Center Frequency: 1575.42±1.023 MHz
- ▶ GPS Antenna Bandwidth: 10 MHz min
- ▶ GPS Antenna Gain at Zenith: 2.0 dBi min
- ▶ GPS Antenna Gain at 10o elevation: -4.0 dBi min
- ▶ GPS Antenna Polarization: R.H.C.P
- ▶ GPS Antenna Axial Ratio: 2.0 dB max

SX-102 Quad Band Antenna Features

- ▶ Designed for Inside Windshield Use
 - ▶ GPS Vehicle Telemetry
 - ▶ GPS Vehicle Fleet Management
 - ▶ GPS Asset & Route Tracking
 - ▶ Bluetooth GPS Navigation
 - ▶ GPS Driver Route Management
 - ▶ GPS Route Logging & Management
 - ▶ Some customization available
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- ▶ LNA Center Frequency: 1575.42±1.023 MHz
 - ▶ LNA Gain: 30±2dB
 - ▶ LNA Noise Figure: 1.5 dB max
 - ▶ LNA Out band attenuation: 30dB min fo±50MHz
 - ▶ LNA Output V.S.W.R: 2.0 dB max
 - ▶ LNA Voltage: 3.0~5.0V
 - ▶ LNA Current: 19mA±2
 - ▶ GSM Antenna: Frequency
 - ▶ CDMA: 824~896 MHZ,PCS:1850~1990 MHZ
 - ▶ GSM:880~960 MHZ,DCS:1710~1880 MHZ
 - ▶ GSM Antenna: VSWR 2.5 Max
 - ▶ GSM Antenna: Impedance 50
 - ▶ GSM Antenna: Polarization R.H.C.P.



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