

Inevitable Technologies Inc.

GSM+GPS “Puck” Antenna Specification

(Model: GSM+GSM Puck)



GSM Antenna

Frequencies Covered: 850/900/1800/1900MHz
V.S.W.R : 2.0:1
Impedence: 50 ohm
Typical Gain: 2dBi+/-1dB@850MHZ; 2dBi+/-1dB@900MHZ;
1dBi+/-1dB@1800MHZ; 1dBi+/-1dB@1900MHZ

GPS Antenna

Center Frequency: 1575.42MHz±3 MHz
V.S.W.R: 1.5:1
Band Width: ±5 MHz
Impedence: 50 ohm
Peak Gain: 3dBic Based on 7×7cm ground plane
Gain Coverage: -4dBic at -90°□0□+90°(over 75% Volume)
Polarization: RHCP

Inevitable Technologies Inc.

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LNA/Filter

LNA Gain(Without cable): 28dB Typical
Noise Figure: 1.5dB
DC Voltage: 3.0V to 5.0V
DC Current: 11mA Max

Mechanical

Size 70 mm X 70mm X 14mm
Cable GPS: RG174 5meter
GSM: RG174 5meter
Connector GPS: FAKRA "C" (*others available*)
GSM: FAKRA "D" (*others available*)
Mounting Magnetic Mounting (*also available as roof mount or stick down*)
Housing Black

Environmental

Working Temp. -40~+95
Storage Temp. -45~+100
Vibration Sine sweep 1g(0-p)10~50~10Hz each axis
Humidity Humidity95%~100%RH
Weatherproof 100% Waterproof

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