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### Wi-Fi Antenna - external

#### Electrical Characteristic

- 1) Resonant Frequency: 2.4-2.5 GHz
- 2) Impedance: 50 Ohm Nominal
- 3) Radiation Pattern: Omni Directional

- 4) Polarization: Vertical
- 5) Standing Wave Ratio (S.W.R): 2.0 or less
- 5) Insulation resistance: 500 MOhm at DC 500 V

SM-ANR0094068026-0328



SM-ANR0094068040-3002



SM-ANRA0K10090134-GZ094 SM-ANRAOK13200284-SZ478



SM-ANRA0G94068032-I00008



SM-ANRA0K13096064-C0128



SM-ANRA0K80037078-1473



SM-ANRA0G9406834-0328



### Wi-Fi Antenna - Built in

#### Electrical Characteristic

- 1) Resonant Frequency: 2.4-2.5; 4.9-5.825 GHz
- 2) Impedance: 50 Ohm Nominal
- 3) Radiation Pattern: Omni Directional

- 4) Polarization: Vertical
- 5) Standing Wave Ratio (S.W.R): 3.5 or less
- 6) Insulation Resistance: 500 MOhm at DC 500 V
- 7) Return Loss: -5.0 dB Max

SM-ANRA0G13095002-C0128



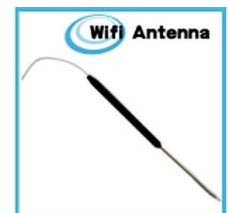
SM-ANRA0G70035002-M0145



SM-ANRA0G90053003-A0167



SM-ANRA0058026002-B0020





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### GPS Antenna

#### Electrical Characteristic

- 1) Resonant Frequency:  $21575.42 \pm 5$  MHz
- 2) Impedance: 50 Ohm Nominal
- 3) Radiation Pattern: Omni Directional

- 4) Polarization: RHCP

- 5) Standing Wave Ratio (S.W.R): 2.0 or less at Resonant point

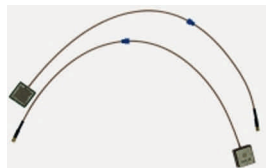
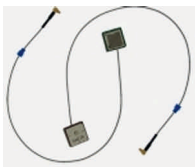
- 6) Voltage: 3.0 V to 5.0 V

SM-ANRA0G18018004-G0138

SM-ANRA0G18018008-P0128

SM-ANRA0016060002-A0151

SM-ANR0094068026-0328



### GSM Antenna

#### Electrical Characteristic

- 1) Resonant Frequency: 800-900/1800-1900 Mhz
- 2) Impedance: 50 Ohm Nominal

- 3) Radiation Pattern: Omni Directional

- 4) Polarization: Vertical

- 5) Standing Wave Ratio (S.W.R): 2.0 or less

SM-ANRA0G22116014-ZS010

SM-ANRA0G80037081-1530

SM-ANRA0G96046054-R0048

SM-ANRA0K11165064-0795



### Sucke Antenna

#### Electrical Characteristic

- 1) Resonant Frequency:  $868.3 \pm 2$  MHz
- 2) Impedance: 50 Ohm Nominal
- 3) Radiation Pattern: Omni Directional

- 4) Polarization: Vertical

- 5) Standing Wave Ratio (S.W.R): 2.0 or less

- 6) Insulation resistance: 500 MOhm at DC 500 V

SM-ANMA0G29027103-C0128

SM-ANRA0G16182004-C0128

SM-ANRA0G16182017-SZ516

SM-ANRA0G28130007-JM028

