

3-in-1 4G+GNSS Antenna Specification



1.1 GNSS Antenna

- (1)GPS L1 /BDS B1 ;
- (2)Frequency Range : 1559~1577 MHz;
- (3)Working Temperature : 3V~5V;
- (4)Working Current : 9±3mA@3V;
- (5)Gain(PCBA): 18±3dB;
- (6)Noise factor : ≤2dB;
- (7)V.S.W.R: ≤2.0:1;
- (8)Impedance: 50Ω

1.2 4G Antenna

- (1) Main Antenna Frequency Range : Low frequency 824~960、Medium frequency 1710~2170、High frequency 2300~2690;
- (2) V.S.W.R: Low frequency 824~960<2.5、Medium frequency 1710~2170<2.5、High frequency 2300~2690<2.0
- (3) Antenna Gain>-2dB
- (4) Characteristic impedance : 50Ω

1.3 2.4G WIFI Antenna

- (1) Frequency Range : Low frequency 2400~2500、
- (2) V.S.W.R: Low frequency 2400~2500<2.0、
- (3) Antenna Gain>1dB

(4) Characteristic impedance : 50Ω

1.3 Environment

(1) Working Temp.: -35°C~+85°C;

(2) Storage Temp.: -40°C~+90°C;

(3) Protection Level: IP53

1.4 Mechanic Spec.

(1) Connector pulling-out force: ≥80N;

