

Shenzhen Gisantone Technology Co.,Ltd

No.30th, West Road of Shibi, Liulian, Pingdi town, Longgang
District, Shenzhen, China. 518117

Tell : 0086 0755 89390978 Fax : 0086 0755 89390979



Product Name 1575.42MHz 27DBI GPS Antenna

Model No. G15207B

- ✓ GLNSS GPS antenna
- ✓ Frequency band 1575.42MHz
- ✓ Gain 27DBI
- ✓ Horizontal/Vertical Beam width 110 degree
- ✓ SMA male connector



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Electrical Specifications	
Model No.	G15207B
Frequency Range	1575.42±5 MHz
Gain	27±2Dbi(LNA)
Beam width-°	110±10
Axial cross-polarization ratio-(dB)	≤5
Front to Back Ratio-(dB)	≥ 10 dB
DC Voltage- (V)	4.5~6
DC Current- (mA)	≤45
Polarization	Right-hand circular polarization
Low Noise Amplifier Technical Indicators	
Frequency Range	1575.42±5 MHz
Gain	27±2Dbi
Noise Coefficient	≤2.7
Bandwidth flatness	<1 (1575.42±1.023 MHz)
	<2 (1575.42±5 MHz)
External inhibition-(dBc)	12 (1575±30 MHz)
	30 (1575±50 MHz)
	55 (1575±100 MHz)
V.S.W.R	S11:≤ 2.0(In); S22:≤ 2.5(Out)
DC Voltage- (V)	4.5~6
DC Current- (mA)	≤45
Third order crossover (dBm)	>-10
Thunder proof surge characteristics	GB/T 1762.5-1999;idt IEC61000-4-5:1995

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Mechanical Specifications	
Connector Type	SMA male
Size-(mm)	Φ112*138
Radome Material	ASA
Weight	0.45 kg
Working wind speed	135km/h
Extreme wind speed	200km/h
Working humidity	0~100
Environment	Outdoor
Water Dust Protection	IP65
Working Temperature-°C	-40~ + 75
Extreme temperature	-55~+80