



GPS VEHICLE ANTENNA

The content of this specification may change without notification 7/01/09



GPS Vehicle Antenna

P/N: JXTXGPS-CZ-1575-75N

1. Antenna Specification

Center Frequency[fc]	1575.42±3MHz
VSWR	1.5:1
Bandwidth	±5MHz
Attenuation	fc±100MHz > 30dB
Output Band Rejection	-25dBc min@1475MHz -30dBc min@1675MHz
Impedence	50Ohm
Peak Gain	>3dBic Based on 70x70mm ground plane
Gain Coverage	>-4dBic at -90° <0° <+90° (over 75% Volume)
Polarization	RHCP

2. LNA Specification

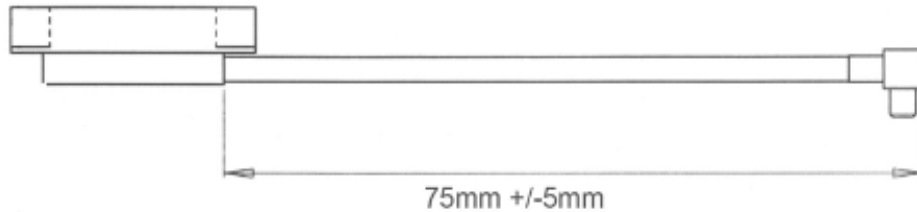
LNA Gain(Without Cable)	27dB Typical
Noise Figure	1.5dB
VSWR	< 2.0
DC Voltage	3.0±0.5V
DC Current	15mA max

3. Mechanical Specification

Weight	< 100 gram
Size	28 x 28 x 9mm
Cable	RG174,Length:75mm±5mm(including connector)
Connector	MMCX Male Right Angle Direction: ground

For current data sheets, please contact: sales@aacix.com

Outline Drawing



4. Environmental Specification

Working Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +100°C
Vibration	Sine sweep 1g(0-p) 10~50Hz each axis
Humidity	95%~100% RH

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