

Technical Data for GPS Active Antenna Model: RT-GPS-ANT3



Electrical Characteristics

LNA/Filter

Item	Specifications	Post Environmental Tolerance
LNA Gain	28 ± 3 dB	± 2.5 dB
Noise Figure	1.5 dB	-
Filter Out Band Attenuation	14 dB Min f0 + 50 MHz 18 dB Min f0 - 50 MHz 30 dB Min f0 + 100 MHz 42 dB Min f0 - 100 MHz	± 1 dB
DC Voltage	3 ~5 V	
DC Current	8 ~15 mA	

Mechanical Specifications

Item	Specifications
Cable	RG174 3 m
Connector	SMB female
Plastic Housing	Black
Mounting	Magnetic
Weight	0.08 kg

Environmental Specifications

Item	Specifications
Temperature Range	25 ± 3 °C
Relative Humidity Range	55 ~75 % RH
Operating Temperature Range	-40 °C ~ +85 °C
Storage Temperature Range	-40 °C ~ +100 °C

Dimensions (Unit : mm)

