

ANT-GPS-CSM-04-3m Series

Wireless GPS antennas with SMA (male) connectors



Features and Benefits

- High active gain antenna for enhanced performance
- 3-meter cable
- SMA connector (male) supported

Introduction

The ANT-GPS-CSM-04-3m Series is an omnidirectional cone-shaped antenna suitable for GPS applications. The antenna provides a gain of 4 dBi and is designed to operate in temperatures ranging from -40 to 85°C.

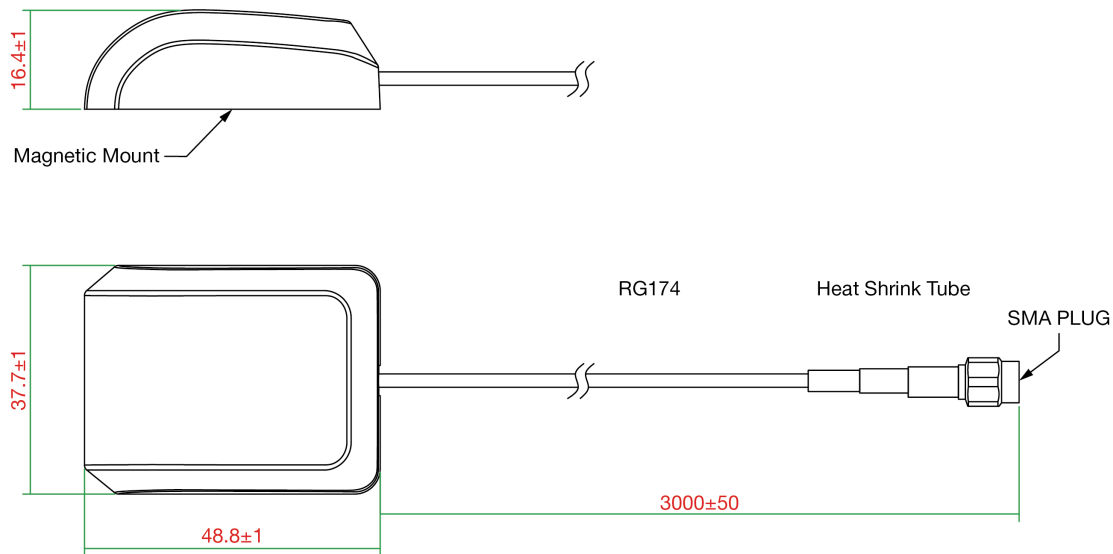
Specifications

Antenna Characteristics	
Frequency	1575 to 1605 MHz
Antenna Type	Directional
Typical Antenna Gain	Without low noise amplifier: 4 dBi With low noise amplifier: 20 dBi
Connector	SMA (male)
Impedance	50 ohms
Polarization	RHCP
V.S.W.R.	< 2.5
Power Parameters	
Power Consumption (Max.)	Max. 20 mA @3.3 V; 2.7 to 5 VDC
Physical Characteristics	
Weight	85 g (0.19 lb)
Dimensions	Length: 48.8 mm
Radome Color	Black
Radome Material	Plastic
Installation	Magnetic mount
Cable	RG-174

Cable Length	3 m
IP Rating	IP65
Environmental Limits	
Operating Temperature	-40 to 85°C (-40 to 185°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (30°C, non-condensing)
Warranty	
Warranty Period	1 year
Details	See www.moxa.com/warranty

Dimensions

Unit: mm



Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector Type
ANT-GPS-CSM-04-3m	1575 to 1605 MHz	Directional	4 dBi	SMA (male)

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