

ANT-GNSS-CSM-02-3m Series

GNSS antennas with SMA (male) connector



Features and Benefits

- Waterproof housing to protect against high-temperature and high-pressure water jets
- High-gain antenna to enhance performance
- Cone-shaped design to reduce the effects of snow and dust coverage
- 3-meter cable
- Flexible installation
- SMA connector (male) supported

Introduction

The ANT-GNSS-CSM-02-3m Series is an omnidirectional cone-shaped antenna suitable for GNSS applications. The antenna provides a gain of 2 dBic and is designed to operate in temperatures ranging from -40 to 85°C.

Specifications

Antenna Characteristics	
Frequency	1561 to 1606 MHz
Antenna Type	Omni-directional
Typical Antenna Gain	Without low noise amplifier: -0.5 dBic @ 1561 MHz (BDS) 2 dBic @ 1575.42 MHz (GPS) 0.6 dBic @ 1598 to 1606 MHz (GLONASS) With low noise amplifier: 35 dB
Connector	SMA (male)
Impedance	50 ohms
Polarization	Vertical Linear
V.S.W.R.	< 2.0 (max.)
Physical Characteristics	
Weight	Without cable and connector: 125 g (0.28 lb)
Dimensions	φ 60.5 (D) x 79.2 (H) mm
Radome Color	White
Radome Material	Plastic
Installation	Screw mount

