

Product features

This antenna is an active mushroom head antenna that can be used to receive right-handed circularly polarized satellite signals in the L1 frequency band of GPS. It has the characteristics of high gain and high stability.

Reference picture

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1572.5	~	1577.5	MHz
Gain		5		dBi
VSWR			2	
AR			5	dB
10dB BW		±10		MHz
LNA Gain		28		dB
LNA P-1	-10			dBm
LNA Noise		1.8		
LNA power supply voltage	3.3	~	5	V
LNA current			25	mA
Connection line length		15000		mm

Other parameters

Polarization	Right-handed circular polarization
Connector	SMA-J
Connector material	Shell copper nickel plating
Impedance	50Ω
Estimated weight	Kg
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade
Other	Meet ROHS

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Note

Avoid collisions during installation.

It is strictly prohibited to disassemble antenna accessories, as it may cause poor antenna performance.

The installation position of the antenna should be free of any obstacles.

Outdoor use should be equipped with lightning protection facilities.

May contain electronic components, please do not dispose of them randomly.