

Product features

The axial helical antenna is composed of a metal helix with good conductivity, and is usually fed by a coaxial cable. Applied in VHF and UHF frequency bands, the antenna gain is high, the size is relatively small, and the structure is simple. The left-hand or right-hand circular polarization can be obtained by changing the spiral direction.

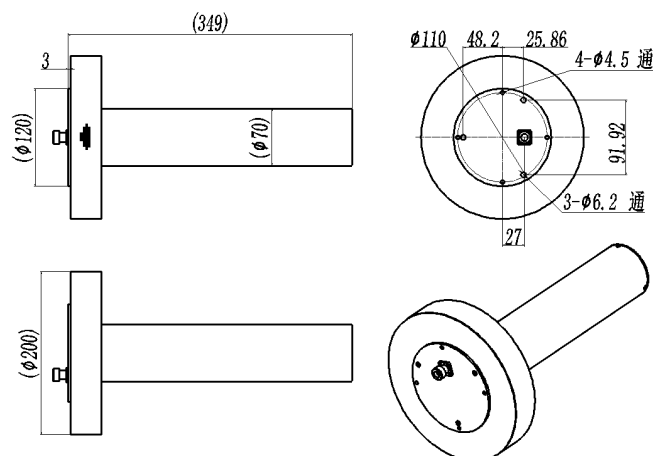
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1.1	~	1.7	GHz
Gain		10		dBi
VSWR		1.6		
3dB Beamwidth	38		62	°
AR		2.5		dB

Other parameters

Polarization	Right-handed circular polarization
Power Capacity	200W Design assurance
Connector	N-K
Outline size	φ200*349mm
Estimated weight	1.1Kg
Surface	Grey
Operation Temp.	-25~+55°C Design assurance
Storage Temp.	-40~+60°C Design assurance

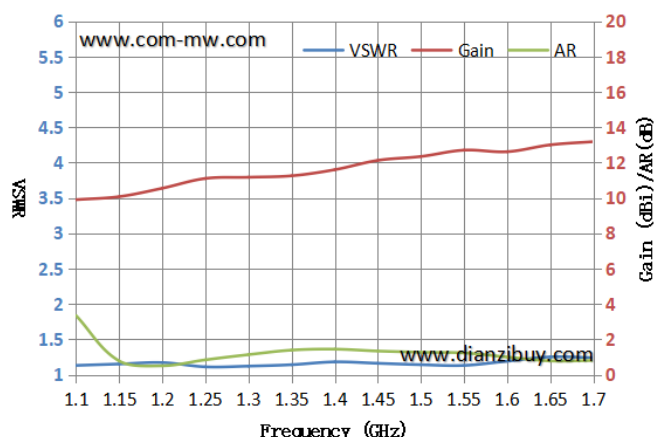
Configuration(mm)



Reference picture



Typical test curve



Note

1. Non professionals are not allowed to disassemble.

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Typical antenna pattern



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