

Main Features

- Excellent gain value for good coverage
- Low VSWR
- Low PIM, high reliability
- High power handling
- Compact design for easy installation
- Customized connector is available



Electrical Specifications

Items	Value			
Frequency (MHz)	600-3800			
Sub-band (MHz)	600-698	698-960	1710-2700	3300-3800
Gain (dBi)	7±1	7.5±1	9±1	8.5±0.5
Vertical 3dB Beam width (°)	92	83	71	65
Horizontal 3dB Beam width (°)	90	78	68	63
Front-to-back ratio (dB)	≥13	≥15	≥20	≥20
Isolation (dB)	≥17	≥20	≥30	≥30
VSWR	≤2.0	≤1.8	≤1.8	≤1.8
Polarization	±45°			
Power handling	100W			
Intermodulation (3rd order)	≤-150dBc@2x43dBm			
Impedance	50Ω			

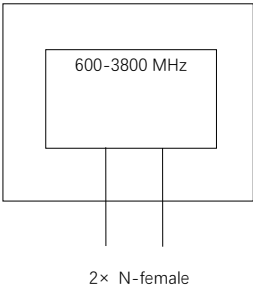
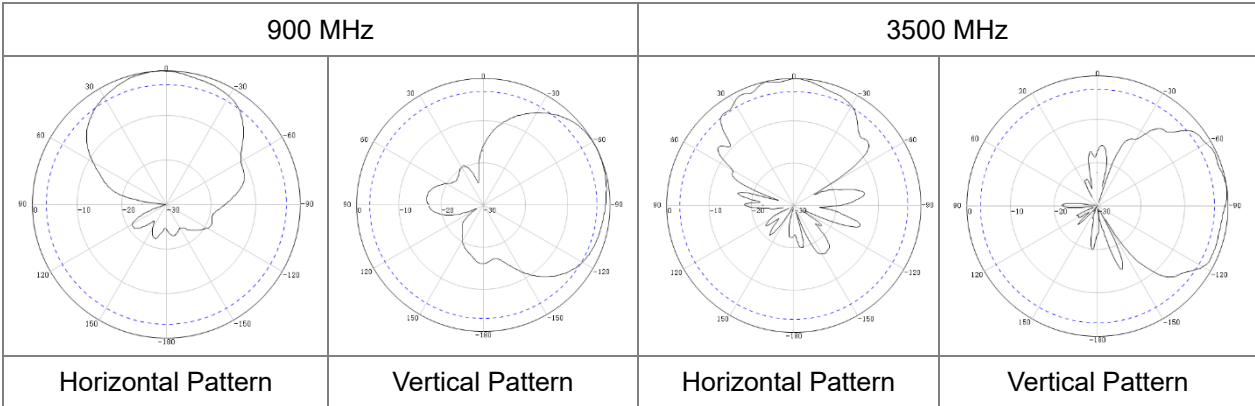
Environmental Specifications

Items	Value
Operating temperature range	-30°C to +65°C
Storage temperature range	-40°C to +85°C
Relative humidity	0%- 95%
Barometric pressure	55KPa -106KPa
Applications	Indoor

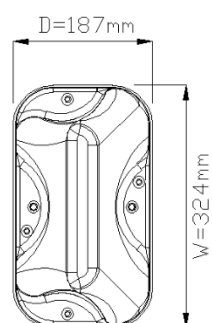
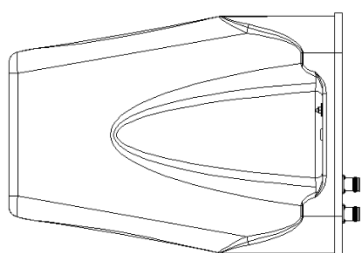
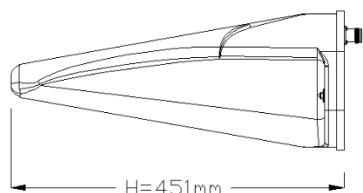
Mechanical Specifications

Items	Value
Dimension	451x324x187 (mm)
Weight	2.2kg
Connectors type	2×N female
Operational Wind Speed	150km/h
Mounting	Brackets
Radome Material and Color	Fiberglass, White
Packing	1Pcs in box

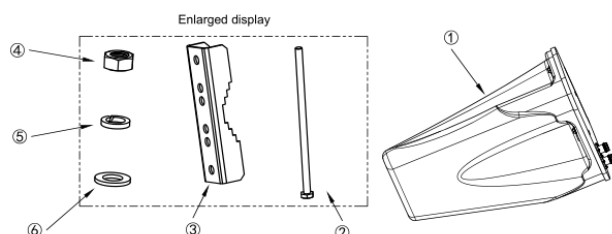
Patterns



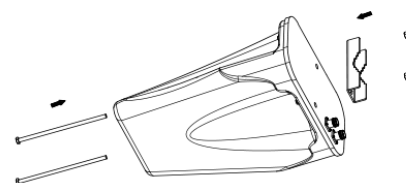
Outline Drawings



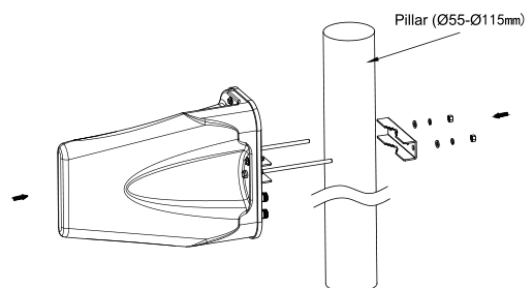
Installation



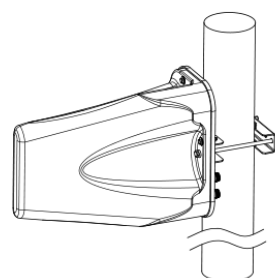
Step 1: Take out the antenna and installation parts from the box.



Step 2: as shown in the above figure, install part ③ to the bottom of ① antenna; Use parts ④ and ②.



Step 3: Use the ③④⑤⑥ parts to install the ① antenna (parts completed in step 2) on the DIA Ø 55- Ø 115 cylinder.



Step 4: After adjusting the antenna direction, install the locking parts ④ to complete.

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.