



The omni directional antenna covers 698-2700MHz frequency band with N-female connector interface. Benefitted by the excellent pattern performance and outdoor protection, it is widely used for omni mobile coverages.

General Specifications

Product Type	Omni directional
Ports	1-port SISO
Connector Interface	N female
Mounting	Outdoor pole mounting
Radome Shape	Cylinder

Electrical Specifications

Frequency Band (MHz)	698-806	806-960	1710-2700
Gain (dBi)	2.2±0.5	2.2±0.5	5.5±1.0
Horizontal Beamwidth	360°	360°	360°
Vertical Beamwidth	85±15°	85±15°	40±15°
VSWR	≤1.8		
Polarization	Linear		
Power Handling	50W		
Intermodulation, 2×33dBm	≤-153dBc		
Impedance	50 ohms		

Mechanical Specifications

Dimension	φ67×191 mm
Weight	0.3 kg
Connectors Type	N female
Radome Material	ABS
Radome Color	White or black
Mounting	Pole mounting
Packing	1pcs in box

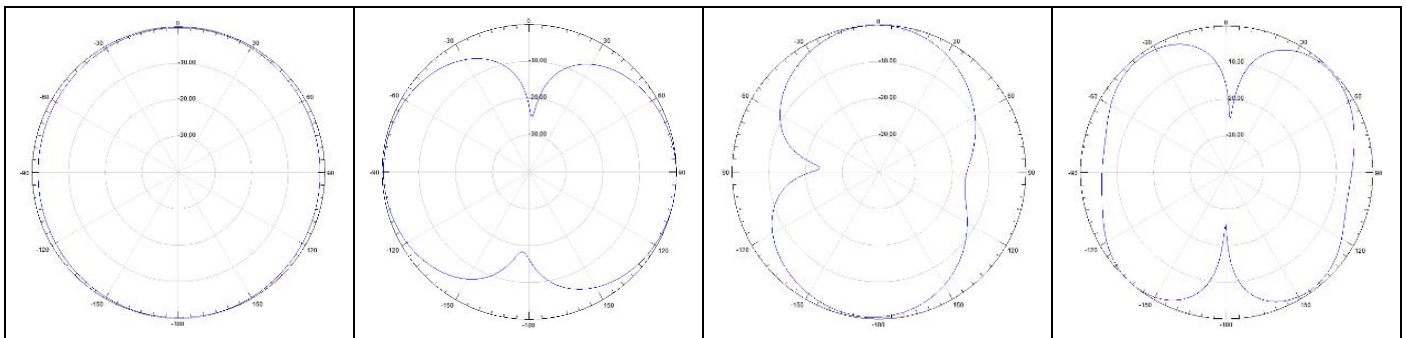
Environmental Specifications

Installation Temperature	-10 °C to +55 °C
Operating Temperature	-20 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor and outdoor

Patterns

698-960 MHz

1710-2700 MHz



Horizontal Pattern

Vertical Pattern

Horizontal Pattern

Vertical Pattern

Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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