



## 900MHz omnidirectional Antennas

**Frequency:870-960MHz, gain:10dBi 8dBi 6dBi** ,omnidirectional antenna designed for the 900 MHz ISM band. It is ideally suited for multipoint, Non Line of Sight (NLOS) and mobile applications where high gain and wide coverage is desired. Typical applications include 900MHz Wireless LAN, SCADA, Wireless Video Links and 900MHz Cellular band applications.

This antenna features an integral N-Female type connector Mounting is easy with a dual u-bolt mast mounting kit. Consisting of a heavy-duty steel bracket and a pair of U-bolts, this kit allows installation on masts up to 2.0" in diameter.

This omni antenna The omni's are DC grounded for lightning protection. fiberglass radome for durability, aesthetics and long service life. It is designed for all weather operation

### Features:

- Superior all weather performance
- Rugged industrial grade design
- Lightweight fiberglass radome
- Integral N-Female connector
- Heavy-duty steel mounting bracket

### Applications :

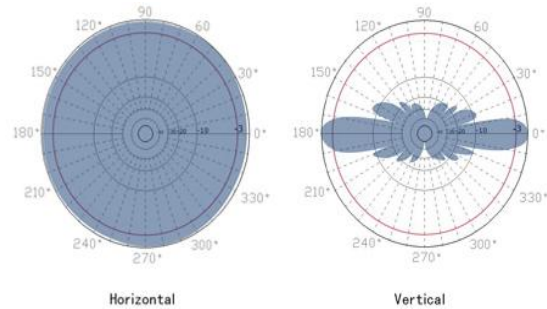
- Cellular applications
- 900MHz ISM Band
- Wireless LAN systems
- Multipoint applications
- Non Line of Sight (NLOS)
- GSM



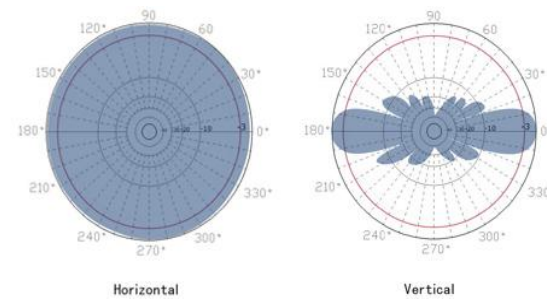


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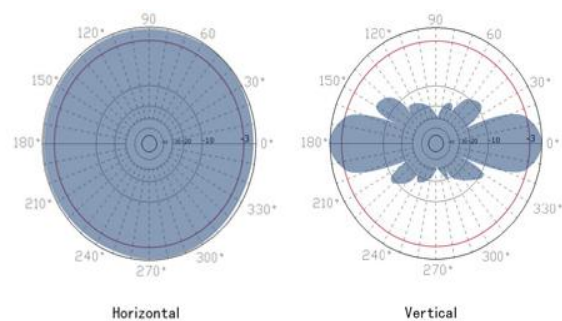
<b>900MHz omnidirectional antenna series specifications</b>			
<b>Model</b>	<b>ZDAQJ900-6</b>	<b>ZDAQJ900-8</b>	<b>ZDAQJ900-10</b>
<b>Frequency Range</b>	870-960 MHz	870-960 MHz	870-960 MHz
<b>Gain</b>	6dBi	8dBi	10dBi
<b>Polarization</b>	Vertical	Vertical	Vertical
<b>Horizontal Beam Width</b>	360 °	360 °	360°
<b>Vertical Beam Width</b>	30 °	25°	16°
<b>VSWR</b>	<1.5	<1.5	<1.5
<b>Input Impedance</b>	50 ohm	50 ohm	50 ohm
<b>Input Maximum Power</b>	200 W	200 W	200 W
<b>Lightning Protection</b>	DC Ground	DC Ground	DC Ground
<b>Connector</b>	N female or customized	N female or customized	N female or customized
<b>Size</b>	56in.(1700 mm)	85in.(2600 mm)	110in.(2800 mm)
<b>Radiating Electrical Material</b>	Cu Ag	Cu Ag	Cu Ag
<b>Radome Material</b>	Fiberglass	Fiberglass	Fiberglass
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)	-40° C to 85° C (-40° F to 185° F)	-40° C to 85° C (-40° F to 185° F)
<b>Diameter of Installation Pole</b>	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)
<b>Weight</b>	5.4 Lbs (2.0 Kg)	6.7 Lbs (2.5 Kg)	9.4 Lbs (3.5 Kg)
<b>Wind Loading:</b>			
<b>100MPH</b>	7 lb.	17lb.	21lb.
<b>125MPH</b>	11 lb.	27lb.	32lb.



**ZDAQJ900-10 Patterns**



**ZDAQJ900-8 Patterns**



**ZDAQJ900-6 Patterns**