



800/1900MHz Dual-band omnidirectional Antennas

Frequency:806-896/1850-1990MHz, gain:5dBi 8dBi 10dBi , omnidirectional antenna designed for the 800MHz Cellular band and 1900MHz PCS band ,Dual band mobile applications, is designed for home or commercial building use. Works well with dual band or single band cellular amplifiers.

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.white 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 mounting bracket

Applications :

- Cellular applications
- pcs applications
- Indoor wireless
- Multipoint applications





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800/1900MHz dual band omnidirectional antenna series specifications			
Model	ZDAQJ8001900-5	ZDAQJ8001900-8	ZDAQJ8001900-10
Frequency Range	806-896/1850-1990 MHz	806-896/1850-1990 MHz	806-896/1850-1990 MHz
Gain	5dBi	8dBi	10dBi
Polarization	Vertical	Vertical	Vertical
Horizontal Beam Width	360 °	360 °	360 °
Vertical Beam Width	30 °	12 °	10 °
VSWR	<2.5	<2.5	<2.5
Input Impedance	50 ohm	50 ohm	50 ohm
Input Maximum Power	200 W	200 W	200 W
Lightning Protection	DC Ground	DC Ground	DC Ground
Connector	N female or customized	N female or customized	N female or customized
Size	25x550 mm	40x1200 mm	40x1500mm
Radiating Electrical Material	Cu Ag	Cu Ag	Cu Ag
Radome Material	Fiberglass	Fiberglass	Fiberglass
Operating Temperature	-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)
Diameter of Installation Pole	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)
Weight	0.6 Kg	1.3 Kg	1.8Kg)
Wind Loading: 100MPH	5 lb.	10lb.	15lb.
125MPH	8 lb.	18lb.	23lb.

ZDAQJ900-6 Patterns