



ZDA COMMUNICATIONS US LLC.

wireless antenna solutions

430-450MHz omni directional Antennas

Frequency:430-450MHz, gain:5dBi, 7dBi, omni directional antenna designed for 430–450 MHz SCADA, UHF business band, General Mobile Radio Service, and Family Radio Service 2-way "walkie-talkies", public safety

This antenna features an integral N-Female type connector Mounting is easy with a dual u-bolt mast mounting kit, allows installation on masts up to 2.0" in diameter.

This omni antenna is DC grounded for lightning protection, with fiberglass radome for durability, aesthetics and long service life. It is designed for all weather operations.

Features:

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

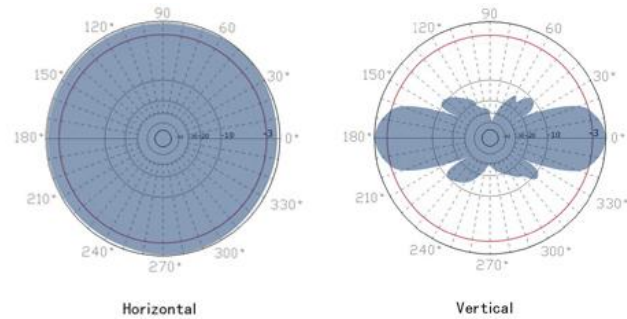
Applications :

- 430-450 MHz Band
- SCADA
- UHF business band

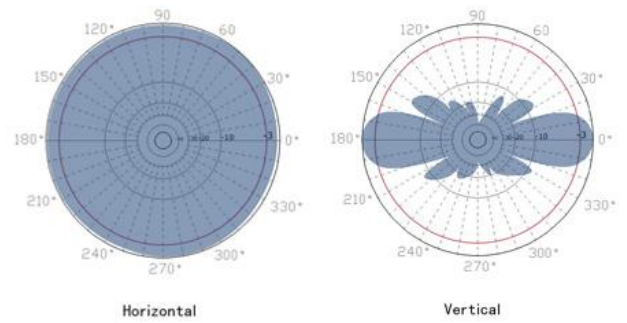


430-450MHz omni directional Antennas

430-450MHz omni directional antenna series specifications		
Model	ZDAQJ430-5	ZDAQJ430-7
Frequency Range	430-450MHz	430-450MHz
Gain	5dBi	7dBi
Polarization	Vertical	Vertical
Horizontal Beam Width	360 °	360 °
Vertical Beam Width	32 °	28 °
VSWR	<1.5	<1.5
Input Impedance	50 ohm	50 ohm
Input Maximum Power	200 W	200 W
Lightning Protection	DC Ground	DC Ground
Connector	N female or customized	N female or customized
Size	70.87 in (1.8m)	102 in (2.6m)
Radiating Electrical Material	Cu Ag	Cu Ag
Radome Material	Fiberglass	Fiberglass
Operating Temperature	-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)
Weight	6.6 Lbs (3Kg)	15.4 Lbs (7 Kg)
Wind Loading:		
100MPH	15 lb.	26lb.
125MPH	29 lb.	58lb.



ZDAQJ430-5 Patterns



ZDAQJ430-7 Patterns