



430-450MHz Yagi Antennas

430-450MHz Yagi Antennas designed for 430–450 MHz SCADA,UHF business band, RFID,General Mobile Radio Service, public safety band

The Yagi directional Series antenna system offered by ZDA is constructed of 6061-T6 Aluminum for outstanding service life. Individual elements are braised to the main beam for permanent attachment. These antennas have high gain and good front to back performance to minimize external interference. They can be mounted in vertical or horizontal polarization. provides the user with anodized aluminum boom, solid elements,Heavy duty mounting hardware

Waterproof Design all-weather operation. these Yagi directional antenna features from ZDA Communications are offered at cost-effective price.

Model:

430-450MHz 7dBi 80deg yagi - ZDADJ430-7YG

430-450MHz 9dBi 68deg yagi - ZDADJ430-9YG

430-450MHz 11dBi 45deg yagi - ZDADJ430-11YG

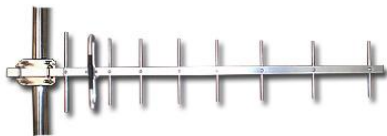
430-450MHz 13dBi 38deg yagi - ZDADJ430-13YG

Features:

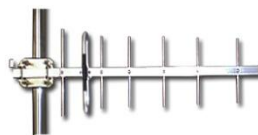
- all weather Anodized Aluminum construction
- Can be installed for either vertical or horizontal polarization
- Solid Aluminum elements
- Heavy duty mounting hardware

Applications :

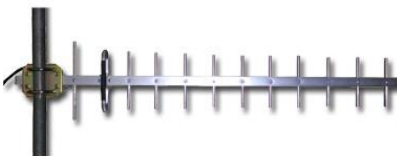
- 430 MHz Band Applications
- SCADA
- UHF business band
- RFID



ZDADJ430-11YG



ZDADJ430-9YG



ZDADJ430-13YG

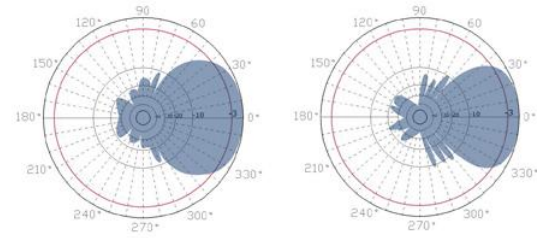


ZDADJ430-7YG

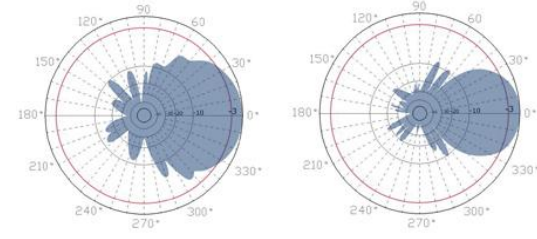


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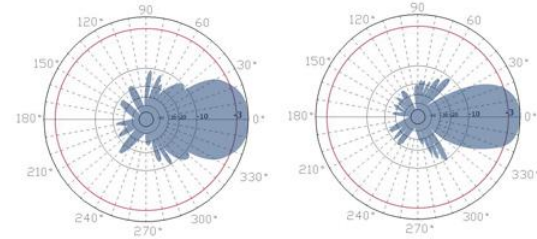
430-450MHz Yagi antenna series specifications				
Model	ZDADJ430-7YG	ZDADJ430-9YG	ZDADJ430-11YG	ZDADJ430-13YG
Frequency Range	430-450 MHz	430-450 MHz	430-450 MHz	430-450 MHz
Gain	7dBi	9dBi	11dBi	13dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	80 °	68 °	45 °	38 °
Vertical Beam Width	72 °	52 °	35 °	32 °
VSWR	<1.5	<1.5	<1.5	<1.5
Front to back radio	>15dB	>15dB	>15dB	>15dB
Input Impedance	50 ohm	50 ohm	50 ohm	50 ohm
Input Maximum Power	200 W	200 W	200 W	200 W
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground
Connector	N female or customized	N female or customized	N female or customized	N female or customized
Size	410mm	700mm	1000mm	1400mm
Antenna Material	Alu alloy	Alu alloy	Alu alloy	Alu alloy
Antenna Structure	5 units	7 units	9 units	12 units
Operating Temperature	-40to 85 ° C (-40to 185 ° F)	-40to 85 ° C (-40to 185 ° F)	-40to 85 ° C (-40to 185 ° F)	-40to 85 ° C (-40to 185 ° F)
Diameter of Installation Pole	1.2-2.3in. (30-55mm)	1.2-2.3in. (30-55mm)	1.2-2.3in. (30-55mm)	1.2-2.3in. (30-55mm)
Weight	1.32 lbs. (0.6 kg)	1.76 lbs. (0.8 kg)	2.2 lbs. (1 Kg)	3.3 lbs. (1.5kg)
Wind Loading: 100MPH	10lb.	15lb.	25lb.	58lb.



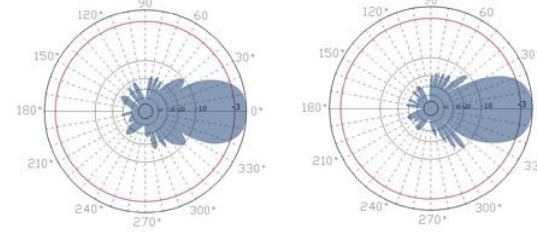
ZDADJ430-7YG Patterns



ZDADJ430-9YG Patterns



ZDADJ430-11YG Patterns



ZDADJ430-13YG Patterns