



ZDA COMMUNICATIONS US LLC.

wireless antenna solutions

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902-928 MHz Yagi Antennas

Frequency: 902-928MHz, gain: 17dBi 14dBi 11dBi 8dBi, It is designed primarily for directional applications, Point to multipoint systems. The wide band antenna ideally suited for 900MHz Motorola canopy, Non Line of Sight (NLOS), RFID & SCADA, Wireless Video Links & 900MHz Cellular, Wireless LAN systems, 900MHz ISM Band applications.

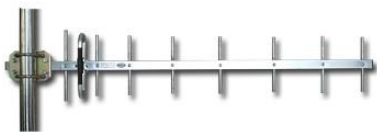
The Yagi directional Series antenna system offered by ZDA is constructed of 6061-T6 Aluminum for outstanding service life. Individual elements are braised to the main boom for permanent attachment. These antennas have high gain and good front to back performance to minimize external interference. They 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 are offered at cost-effective price.

Features:

- 17dBi High Gain
- all weather Anodized Aluminum construction
- Can be installed for either vertical or horizontal polarization
- Solid Aluminum elements
- Heavy duty mounting hardware

Applications :

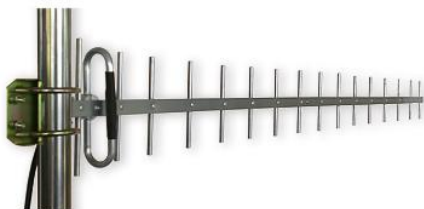
- motorola canopy
- Non Line of Sight (NLOS)
- RFID & SCADA
- Wireless Video Links & 900MHz Cellular
- Wireless LAN systems & Point to Multipoint applications
- 900MHz ISM Band



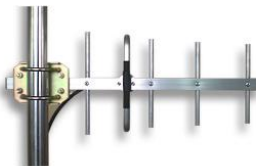
ZDADJ928-14YG



ZDADJ928-8YG



ZDADJ928-17YG



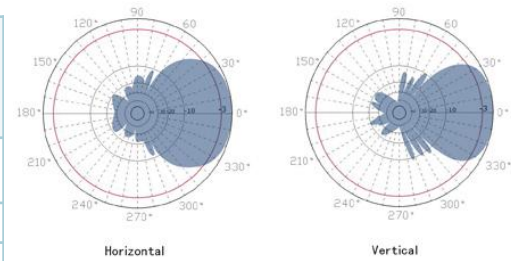
ZDADJ928-11YG



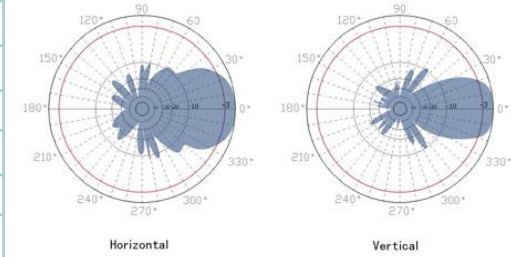
902-928MHz yagi Antennas

902-928MHz Yagi antenna series specifications

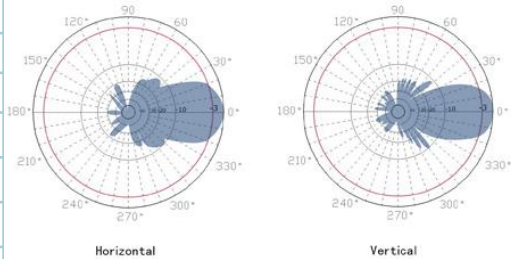
Model	ZDADJ928-8YG	ZDADJ928-11YG	ZDADJ928-14YG	ZDADJ928-17YG
Frequency Range	902-928MHz	902-928 MHz	902-928 MHz	902-928 MHz
Gain	8dBi	11dBi	14dBi	17dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	90 °	50°	38°	32°
Vertical Beam Width	60°	40°	32°	25°
VSWR	<1.5	<1.5	<1.4	<1.4
Front to back ratio	>12dB	>15dB	>15dB	>18dB
Input Impedance	50 ohm	50 ohm	50 ohm	50 ohm
Input Maximum Power	100 W	100 W	100 W	150 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	430mm	450mm	900mm	1840mm
Antenna Material	Alu alloy	Alu alloy	Alu alloy	Alu alloy
Antenna Structure	3 units	5 units	9 units	17 units , two pieces design
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	1.21 lbs. (0.55kg)	1.32 lbs. (0.6 kg)	2.04 lbs. (0.93 kg)	3 lbs. (1.36kg)
Wind Loading: 100MPH	4lb.	6.6lb.	8.6lb.	15.2lb.
120MPH	7lb.	8.6lb.	10.2lb.	19.2lb.



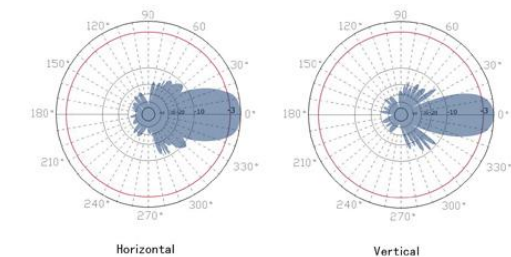
ZDADJ928-8YG Patterns



ZDADJ928-11YG Patterns



ZDADJ928-14YG Patterns



ZDADJ928-17YG Patterns