



ZDA COMMUNICATIONS US LLC.

wireless antenna solutions

700MHz Yagi Antennas

Frequency:698-755MHz, gain:16dBi 14dBi 10dBi, It is designed primarily for directional applications, Point to Multipoint applications. It is ideally suited for 700MHz 4G LTE (AT & T) and 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 riveted to the main boom with SS rivets for permanent attachment.

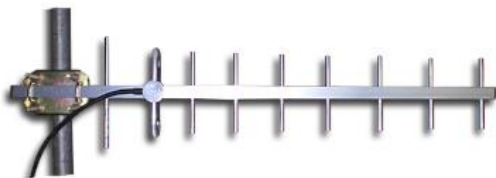
These antennas have high gain and good front to back performance to minimize external interference. They can be mounted in vertical or horizontal polarization . provides the user with anodized aluminum boom, solid elements , Heavy duty mounting hardware Waterproof Design all-weather operation. these Yagi directional antenna features from ZDA are offered at cost-effective price.

Features:

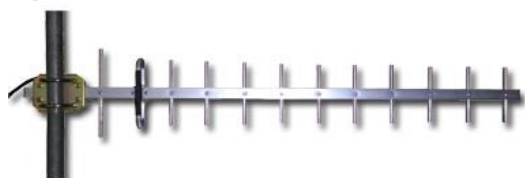
- All weather Anodized Aluminum construction
- Can be installed for either vertical or horizontal polarization
- Solid Aluminum elements
- Heavy duty mounting hardware

Applications :

- 700MHz 4G LTE lower Band
- Point to Multipoint applications
- 700MHz public safety applications



ZDADJ700-14YG



ZDADJ700-16YG

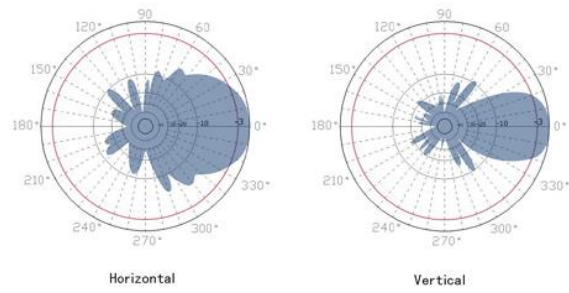


ZDADJ700-10YG

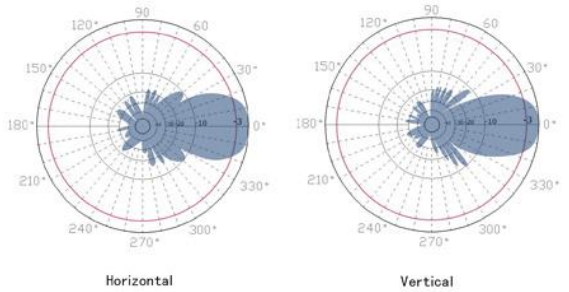


700MHz yagi Antennas

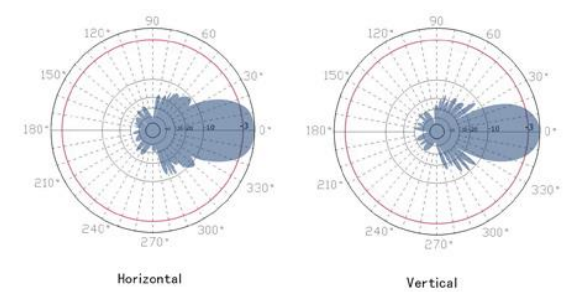
698-755MHz Yagi antenna series specifications			
Model	ZDADJ700-10YG	ZDADJ700-14YG	ZDADJ700-16YG
Frequency Range	698-755 MHz	698-755 MHz	698-755 MHz
Gain	10dBi	14dBi	16dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	50 °	42 °	34 °
Vertical Beam Width	40 °	35 °	28 °
VSWR	<1.5	<1.5	<1.5
Front to back radio	>15dB	>15dB	>15dB
Input Impedance	50 ohm	50 ohm	50 ohm
Input Maximum Power	100 W	100 W	100 W
Lightning Protection	DC Ground	DC Ground	DC Ground
Connector	N female or customized	N female or customized	N female or customized
Size	18.11 inches(4.6 m)	48 inches(1.2 m)	70.87 inches(1.8 m)
Antenna Material	Alu alloy	Alu alloy	Alu alloy
Antenna Structure	5 units	10 units	14 units , Two piece design
Operating Temperature	-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)
Weight	1.5 lbs. (0.68kg)	2.2 lbs. (1kg)	2.64 lbs. (1.2kg)
Wind Survival Speed:	120 m/h	120 m/h	100 m/h.



ZDADJ700-10YG Patterns



ZDADJ700-14YG Patterns



ZDADJ700-16YG Patterns