



698-790 MHz Yagi Antennas

Frequency:698-790MHz, gain:12dBi 10dBi 8dBi, It is designed primarily for directional applications,Point to Multipoint applications . It is ideally suited for 700MHz LTE Band (both verizon and AT&T LTE 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 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 :

- Suited for both verizon and AT&T LTE band
- 700MHz LTE Band
- Point to Multipoint applications



ZDADJ790-12YG



ZDADJ790-10YG



ZDADJ790-8YG





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698-790MHz Yagi antenna series specifications			
Model	ZDADJ790-8YG	ZDADJ790-10YG	ZDADJ790-12YG
Frequency Range	698-790 MHz	698-790 MHz	698-790 MHz
Gain	8dBi	10dBi	12dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	78 °	54 °	45 °
Vertical Beam Width	68 °	45 °	40 °
VSWR	<1.5	<1.5	<1.5
Front to back radio	>13dB	>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	410 mm	650 mm	800 mm
Antenna Material	Alu alloy	Alu alloy	Alu alloy
Antenna Structure	3 units	5 units	6 units
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	0.6kg	0.75kg	0.8kg
Wind Loading:			
100MPH	5lb.	11lb.	13lb.
120MPH	8lb.	16lb.	21lb.