



700Hz Grid parabolic dish Antennas

Frequency:698-755MHz, gain:21dBi 19dBi 17dBi 15dBi , The grid parabolic dish Antenna features excellent front to back ratio. It is ideally suited for directional applications, point to point systems . 700MHz WiMAX lower band and public safety bands.

This antenna's construction features a rust-proof die cast aluminum reflector grid for superior strength and light weight. This antenna's 2-piece reflector grid is simple to assemble and significantly reduces shipping costs. The grid surface is UV powder coated for durability and aesthetics. The open-frame grid design minimizes wind loading.

The antenna is supplied with a 60 degree tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. It can be adjusted up or down from 0 to 60deg.

Applications :

- 700MHz LTE/WiMAX lower Band
- 700MHz Public Safety



Features:

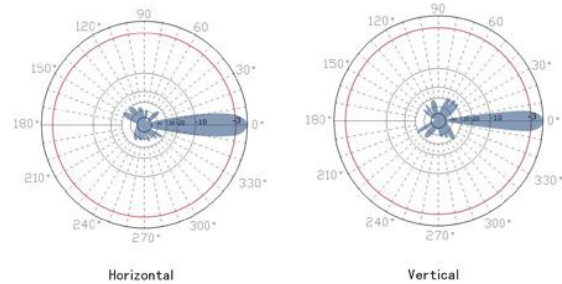
- Excellent front to back ratio
- Die-cast aluminum construction
- UV stable light gray powder coat finish
- Easy to assemble
- All weather operation



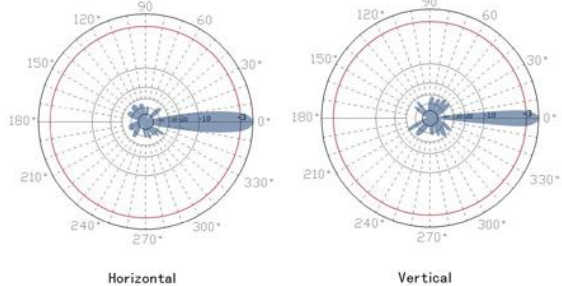
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698-755MHz Grid parabolic dish antenna series specifications

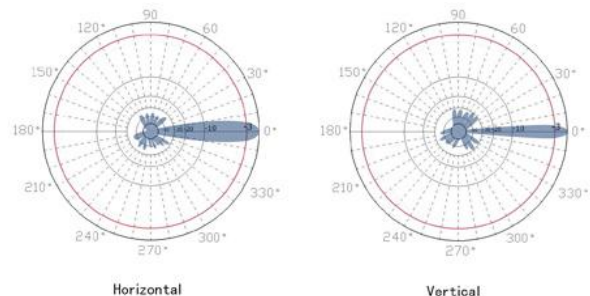
Model	ZDAGP700C-15-14	ZDAGP700C-17-10	ZDAGP700C-19-8	ZDAGP700C-21-6
Frequency Range	698-755MHz	698-755MHz	698-755MHz	698-755MHz
Gain	15dBi	17dBi	19dBi	21dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	14°	10°	8°	6°
Vertical Beam Width	14°	10°	8°	6°
VSWR	<1.5	<1.5	<1.5	<1.5
Front to back radio	>25dB	>26dB	>30dB	>32dB
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	dia47.24inches (dia1.2m)	dia59inches (dia1.5 m)	dia71inches (dia1.8m)	dia95inches (dia2.4 m)
Antenna Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Radiating Electrical Material	Cu Ag	Cu Ag	Cu Ag	Cu Ag
Antenna Structure			Two piece design	Two piece 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	1.96" (50mm) to 3.9" (100mm)	1.96" (50mm) to 3.9" (100mm)	1.96" (50mm) to 3.9" (100mm)	1.96" (50mm) to 3.9" (100mm)
Weight	26.4 lbs. (12 kg)	33 lbs. (15 kg)	42 lbs. (19 kg)	55 lbs. (25 kg)
Wind Loading:				
100MPH	80lb.	96lb.	115lb.	150lb.
140MPH	125lb.	131lb.	183b.	229lb.



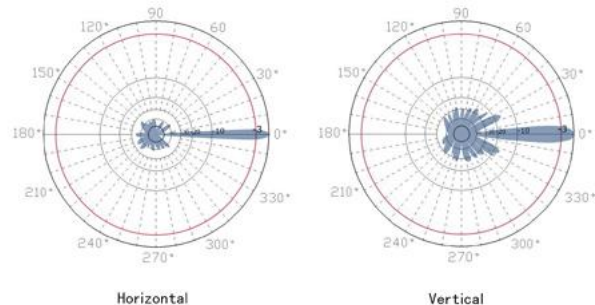
ZDAGP700C-15-14 Patterns



ZDAGP700C-17-10 Patterns



ZDAGP700C-19-8 Patterns



ZDAGP700C-21-6 Patterns