

## 30\*30 MIMO Narrow Beam High Capacity Antenna

Model No.: BDA0-030X14DA

- Excellent PIM, -153dBc guaranteed.
- Wideband frequency range: AWS 700, CDMA 800/1900, GSM 900/1800 UMTS, LTE and WiMAX.
- Low Sidelobe and Consistent Pattern over frequency.
- IP65 for both indoor and outdoor

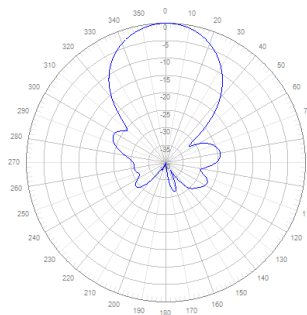


### Product Specifications:

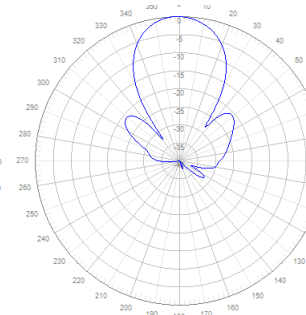
Electrical				
Frequency Band, MHz	698-800	800-960	1695-2180	2180-2700
Horizontal Beamwidth, degrees	34	29	33	30
Vertical Beamwidth, degrees	34	29	33	29
Gain, dBi	14	15	14	15
Horizontal Sidelobe(typical), dB	20	20	20	20
Vertical Sidelobe(typical), dB	20	20	20	20
Boresight CPR, dB	20	20	18	18
Isolation, dB	23	23	23	23
VSWR/Return Loss, dB	1.5/14			
Maxim Input Power, watts	200			
3 <sup>rd</sup> PIM, @ 2*20W, dBc	-153			
Impedance	50 ohm			
Polarization	±45°			

Mechanical	
Mounting Type	Mounting Bracket
Number of Ports, all types	7-16 DIN-Female * 2
Radome Color	White
Radome Material	Fiberglass, UV resistant
Net size, Length*Width*Depth	756*756*118mm
Maximum Wind-loading	216 km/h
Net Weight	13Kg
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	0 to 100%

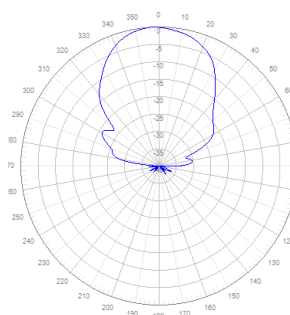
## Patterns



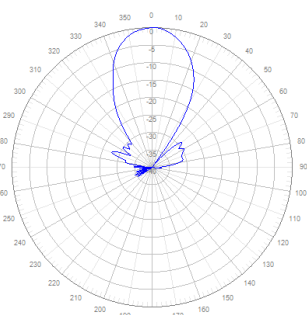
698MHz



960MHz

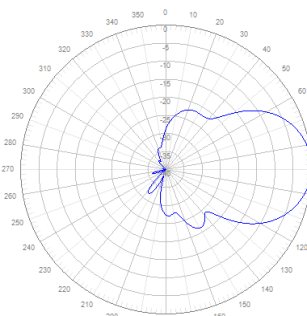


1710MHz

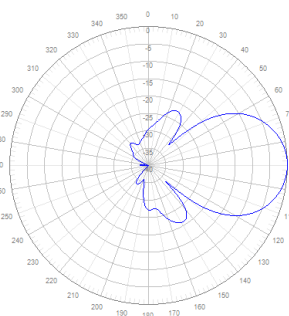


2600MHz

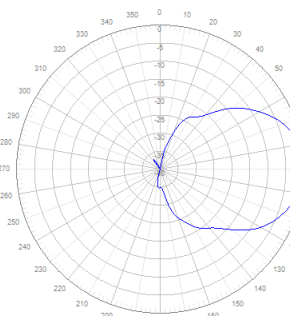
## Azimuth



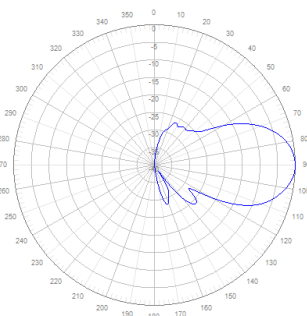
698MHz



960MHz



1710MHz



2600MHz

## Elevation

## Engineering Drawings

