

22*60 MIMO Narrow Beam High Capacity Antenna

Model No.: BDA0-022X13DA

- 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

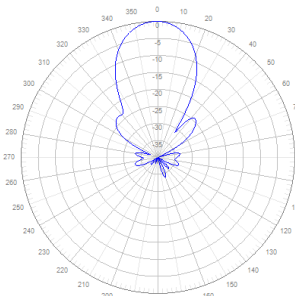


Product Specifications:

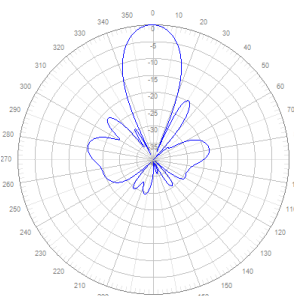
| Electrical | | | | |
|-----------------------------------|---------|---------|-----------|-----------|
| Frequency Band, MHz | 698-800 | 800-960 | 1695-2180 | 2180-2700 |
| Horizontal Beamwidth, degrees | 25 | 22 | 25 | 20 |
| Vertical Beamwidth, degrees | 68 | 71 | 68 | 62 |
| Gain, dBi | 13 | 13 | 13 | 14 |
| Horizontal Sidelobe, dB | 20 | 18 | 20 | 18 |
| Boresight CPR, dB | 22 | 21 | 17 | 20 |
| Isolation, dB | 25 | 24 | 23 | 23 |
| VSWR/Return Loss, dB | 1.5/14 | | | |
| Maximum Input Power, watts | 200 | | | |
| 3 rd 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 | 898*358*118mm |
| Maximum Wind-loading | 216 km/h |
| Net Weight | 10.5Kg |
| Operating Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Relative Humidity | 0 to 100% |

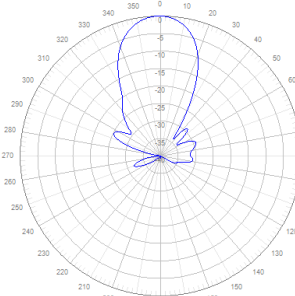
Patterns



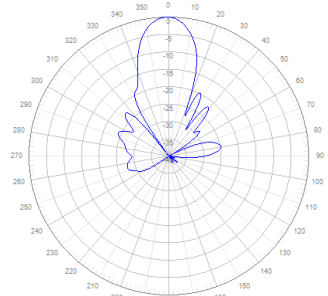
698MHz



960MHz

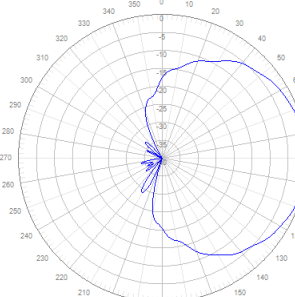


1710MHz

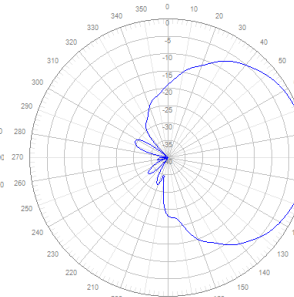


2600MHz

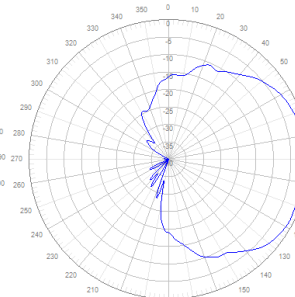
Azimuth



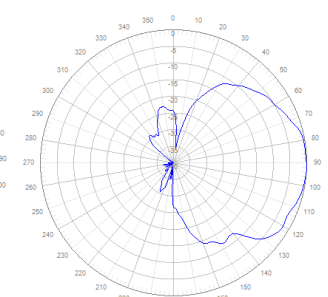
698MHz



960MHz



1710MHz



2600MHz

Elevation

Engineering Drawings

