

## BTS PANEL ANTENNA

### 900 MHz SINGLE BAND CDMA/GSM ANTENNA

**Model:KE0809X6517-DE10**



Dual-Polarization Antenna, 806-960 MHz, 65° horizontal beamwidth, variable electrical tilt

- Field adjustable electrical tilt
- Rugged and reliable design
- Excellent passive intermodulation suppression

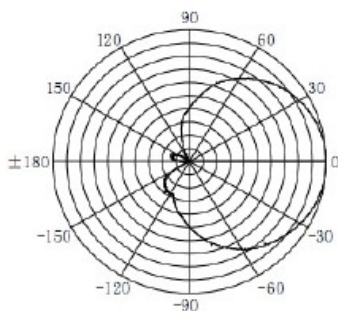
Electrical Specifications		
Band Of Operation, MHz	806-896	870-960
Gain in dBi	16.5	16.8
HBW(degrees)	65	63
VBW(degrees)	9.5	9
Electrical Tilt (Degrees)	0 ~ 10	0 ~ 10
Polarization (Degrees)	± 45	± 45
Impedance (Ohms)	50	50
1st Null Fill dB	> -25	> -25
VSWR	< 1.5	< 1.5
Intermodulation IM3(@2x43 dbm)	< - 107	< - 107
Side Lobe Suppression; dB (First sidelobe above horizon)	0°→≥16	0°→≥16
	5°→≥15	5°→≥15
	10°→≥15	10°→≥15
Cross Polar Discrimination,dB	> 15	> 15
Front-to-Back Ratio;dB	≥25	≥25
Isolation Between Ports,dB	≥30	≥30
Max. Input Power (Watts)	300	300

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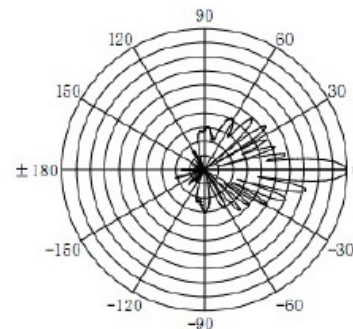
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Mechanical Specifications	
Dimensions (L x W x H in mm)	2130 X 310 X 140
<b>Weight(Kgs):</b>	
Antenna	13.5
Bracket	5
Radome Material	ABS Plastic
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	2
Operating Temperature(°C)	- 40 ° to + 60 °
Rated Wind Speed(Km/Hr)	198
Lightening Protection	Direct ground

### Radiation Pattern



Horizontal



Vertical

806-960MHz