

## BTS PANEL ANTENNA

### 1800 MHz SINGLE BAND GSM ANTENNA

**Model:KE1721X9017-DT0/6**



Dual-Polarization Antenna, 1710-2170 MHz, 90° horizontal beamwidth, Fixed electrical tilt

- Rugged and reliable design
- Excellent passive intermodulation suppression

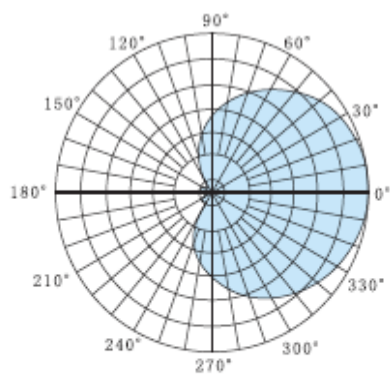
Electrical Specifications			
Band Of Operation, MHz	1710 ~ 1880	1850 ~ 1990	1920 ~ 2170
Gain in dBi	16.5	16.8	17
HBW(degrees)	90	86	83
VBW(degrees)	6.5	6.3	6
Electrical Tilt (Degrees)	0/6	0/6	0/6
Polarization (Degrees)	± 45	± 45	± 45
Impedance (Ohms)	50	50	50
1st Null Fill dB	> -25	> -25	> -25
VSWR	< 1.5	< 1.5	< 1.5
Intermodulation IM3(@2x43 dbm)	< - 107	< - 107	< - 107
Side Lobe Suppression; dB (First sidelobe above horizon)	0°→≥15	0°→≥15	0°→≥15
	5°→≥14	5°→≥14	5°→≥14
	10°→≥13	10°→≥13	10°→≥13
Cross Polar Discrimination,dB	> 15	> 15	> 15
Front-to-Back Ratio;dB	>23	>23	>23
Isolation Between Ports,dB	>30	>30	>30
Max. Input Power (Watts)	200	200	200

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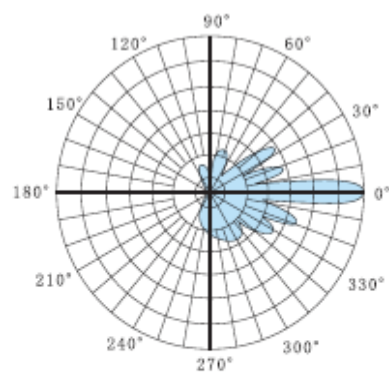
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Mechanical Specifications	
Dimensions (L x W x H in mm)	1310X195X 95
<b>Weight(Kgs):</b>	
Antenna	9.5
Bracket	5
Radome Material	ABS Plastic
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	2
Operating Temperature(°C)	- 55 ° to + 65 °
Rated Wind Speed(Km/Hr)	198
Lightening Protection	Direct ground

## Radiation Pattern



Horizontal



Vertical

1710-2170MHz