

## BTS PANEL ANTENNA

### 1800 MHz DUAL BAND GSM ANTENNA

**Model:KE0809/1721DX6517/17-DE10/E10**



Dual-Polarization Antenna, 824-960 /1710-2170 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	824-960	1710-2170
Gain in dBi	17	17
HBW(degrees)	65	65
VBW(degrees)	8	8
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°→≥15	0°→≥15
	5°→≥14	5°→≥14
	10°→≥13	10°→≥13
Cross Polar Discrimination,dB	> 15	> 15
Front-to-Back Ratio;dB	>25	>25
Isolation Between Ports,dB	>28	>28
Max. Input Power (Watts)	200	200

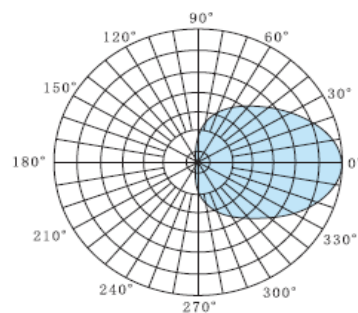
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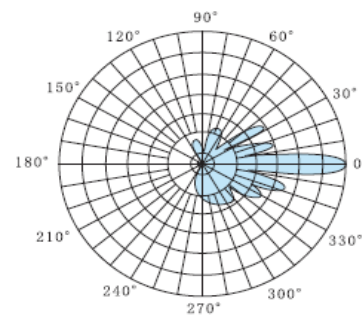
### Mechanical Specifications

Dimensions (L x W x H in mm)	2610 X 280 X 140
<b>Weight(Kgs):</b>	
Antenna	24.1
Bracket	5.0
Radome Material	ABS Plastic/Fiberglass
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	4
Operating Temperature(°C)	- 40 ° to + 60 °
Rated Wind Speed(Km/Hr)	216
Lightening Protection	Direct ground

### Radiation Pattern



Horizontal pattern



Vertical pattern