

## BTS PANEL ANTENNA

### 900 MHz SINGLE BAND GSM ANTENNA

**Model:KEB900X65-17D10E**



**Dual-Polarization Antenna, 900MHz, 65° horizontal beamwidth, Variable electrical tilt**

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

#### General Specifications

Band Of Operation, MHz	870 ~ 960
Gain in dBi	16.5
HBW(degrees)	65
VBW(degrees)	8
Electrical Tilt (Degrees)	0~10
Polarization (Degrees)	± 45
Impedance (Ohms)	50
1st Null Fill dB	>-25dB
VSWR	≤ 1.4
IM3(@2x43 dbm)	< - 107
Upper Side Lobe Suppression; dB	≥16
Cross Polar Discrimination,dB	Main > 15dB, ±60°>10dB or ±30°>10dB
Front-to-Back Ratio;dB	>25
Isolation Between Ports,dB	>30
Max. Input Power per Input (Watts)	500

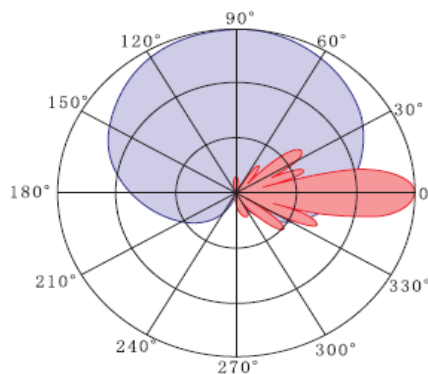
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### Mechanical Specifications

Dimensions (L x W x H in mm)	2250 X 265 X 130
<b>Weight(Kgs):</b>	
Antenna	17
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)	216
Lightening Protection	Direct ground

### Radiation Pattern



870~960MHz