

## BTS PANEL ANTENNA

### 900 MHz SINGLE BAND GSM ANTENNA

**Model:KE09X6518-DT0/3/6/9**



**Dual-Polarization Antenna, 870-960MHz, 65° horizontal beamwidth, Fixed electrical tilts**

- Rugged and reliable design
- Excellent passive intermodulation suppression

#### Electrical Specifications

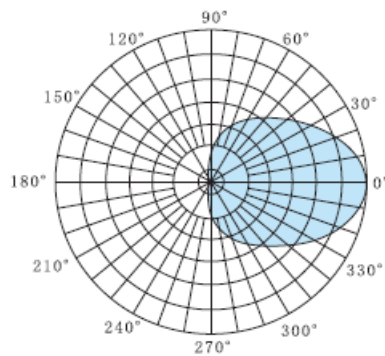
Band Of Operation, MHz	870 ~ 960
Gain in dBi	18
HBW(degrees)	65
VBW(degrees)	7
Electrical Tilt (Degrees)	0/3/6/9
Polarization (Degrees)	± 45
Impedance (Ohms)	50
1st Null Fill dB	>-25dB
VSWR	≤ 1.4
IM3(@2x43 dbm)	< - 107
Upper Side Lobe Suppression; dB	≥15
Cross Polar Discrimination,dB	Main > 15dB, ±60°>10dB 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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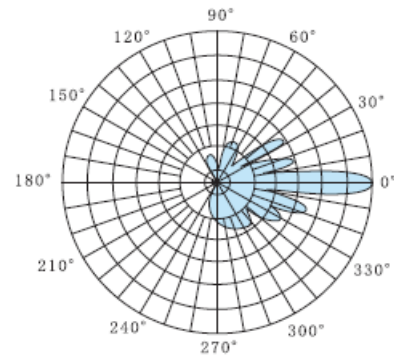
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Mechanical Specifications	
Dimensions (L x W x H in mm)	2520 X 272 X 130
<b>Weight(Kgs):</b>	
Antenna	14
Bracket	5
Radome Material	Fiberglass
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	2
Operating Temperature(°C)	- 40 ° to + 60 °
Rated Wind Speed(Km/Hr)	216
Lightening Protection	Direct ground

## Radiation Pattern



Horizontal pattern



Vertical pattern