

BTS PANEL ANTENNA

900 MHz SINGLE BAND GSM ANTENNA

Model:KE900X90-17D



Dual-Polarization Antenna, 900MHz, 90° horizontal beamwidth,
Fixed electrical tilt

- Rugged and reliable design
- Excellent passive intermodulation suppression

General Specifications

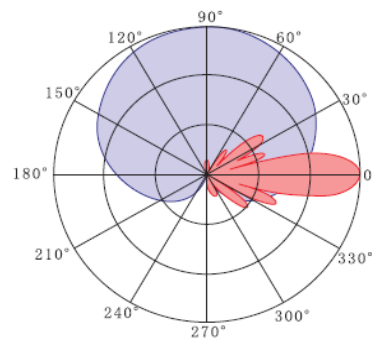
Band Of Operation, MHz	870 ~ 960
Gain in dBi	17
HBW(degrees)	90
VBW(degrees)	7
Electrical Tilt (Degrees)	0
Polarization (Degrees)	± 45
Impedance (Ohms)	50
1st Null Fill dB	>-25dB
VSWR	≤ 1.4
IM3(@2x43 dbm)	< - 107
Upper Side Lobe Suppression; dB	15
Cross Polar Discrimination,dB	Main > 15dB, ±60°>10dB or ±30°>10dB
Front-to-Back Ratio;dB	>23
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)	2520 X 265 X 125
Weight(Kgs):	
Antenna	13.5
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



870~960MHz