

BTS PANEL ANTENNA

1800 MHz SINGLE BAND 4-PORT GSM ANTENNA

Model:KE1721/1721DX9016/16-DE8/E8



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

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



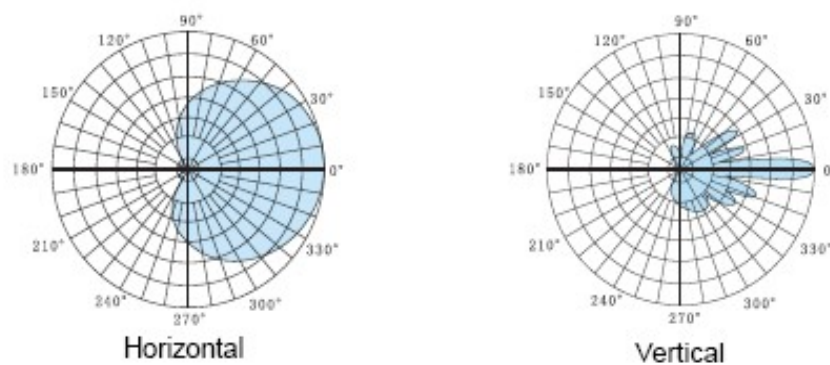
Electrical Specifications			
Band Of Operation, MHz	1710 ~ 1880	1850 ~ 1990	1920 ~ 2170
Gain in dBi	15.5	15.8	16
HBW(degrees)	90	86	83
VBW(degrees)	8	7.7	7.3
Electrical Tilt (Degrees)	0 ~ 8	0 ~ 8	0 ~ 8
Polarization (Degrees)	± 45	± 45	± 45
Impedance (Ohms)	50	50	50
1st Null Fill dB	> -25	> -25	> -25
VSWR	< 1.5	< 1.5	< 1.5
Intermodulation IM3(@2x43 dbm)	< - 107	< - 107	< - 107
Side Lobe Suppression; dB (First sidelobe above horizon)	0°→≥14	0°→≥14	0°→≥14
	5°→≥13	5°→≥13	5°→≥13
	10°→≥12	10°→≥12	10°→≥12
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

1800 MHz SINGLE BAND 4-PORT GSM ANTENNA

Model:KE1721/1721DX9016/16-DE8/E8

Mechanical Specifications	
Dimensions (L x W x H in mm)	1030X290X 140
Weight(Kgs):	
Antenna	15.2
Bracket	5
Radome Material	ABS plastic
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	4
Operating Temperature(°C)	- 55 ° to + 65 °
Rated Wind Speed(Km/Hr)	198
Lightening Protection	Direct ground

Radiation Pattern



1710-2170MHz