

BTS PANEL ANTENNA

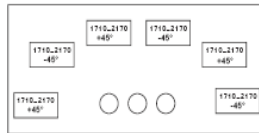
1800 MHz/3G SINGLE BAND 6-PORT GSM ANTENNA

Model:KE1721/1721/1721TX6518/18/18-DE8/E8/E8



Dual-Polarization Antenna, 1710-2170 MHz, 65° horizontal beamwidth, Varibale 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	17.5	17.8	18
HBW(degrees)	64	60	58
VBW(degrees)	5.8	5.5	5.2
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°→≥15	0°→≥15	0°→≥15
	5°→≥14	5°→≥14	5°→≥14
	10°→≥13	10°→≥13	10°→≥13
Cross Polar Discrimination,dB	> 15	> 15	> 15
Front-to-Back Ratio;dB	>25	>25	>25
Isolation Between Ports,dB	>30	>30	>30
Max. Input Power (Watts)	200	200	200

1800 MHz/3G SINGLE BAND 6-PORT GSM ANTENNA

Model:KE1721/1721/1721TX6518/18/18-DE8/E8/E8

Mechanical Specifications	
Dimensions (L x W x H in mm)	1640X306X 140
Weight(Kgs):	
Antenna	23.5
Bracket	5
Radome Material	ABS Plastic/fiberglass
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	6
Operating Temperature(°C)	- 40 ° to + 60 °
Rated Wind Speed(Km/Hr)	198
Lightening Protection	Direct ground