

BTS PANEL ANTENNA

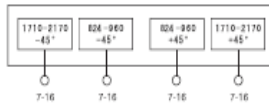
900/1800 MHz DUAL BAND GSM ANTENNA

Model:KE0809/1721DX6517/18-DE10/E10



Dual-Polarization Antenna, 824-960 & 1710-2170 MHz, 65° horizontal beamwidth, variable electrical tilt

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



Electrical Specifications					
Band Of Operation, MHz	824~ 896	870~ 960	1710 ~ 1880	1850 ~ 1990	1920 ~ 2170
Gain in dBi	16.5	17	17	17.8	18
HBW(degrees)	65	63	66	64	62
VBW(degrees)	8	7.5	6	5.7	5.3
Electrical Tilt (Degrees)	0 ~ 10	0 ~ 10	0 ~ 10	0 ~ 10	0 ~ 10
Polarization (Degrees)	± 45	± 45	± 45	± 45	± 45
Impedance (Ohms)	50	50	50	50	50
1st Null Fill dB	> -25	> -25	> -25	> -25	> -25
VSWR	> -25	> -25	< 1.5	< 1.5	< 1.5
Intermodulation IM3(@2x43 dbm)	< - 107	< - 107	< - 107	< - 107	< - 107
Side Lobe Suppression; dB (First sidelobe above horizon)	0°→≥16	0°→≥16	0°→≥16	0°→≥16	0°→≥16
	5°→≥15	5°→≥15	5°→≥15	5°→≥15	5°→≥15
	10°→≥14	10°→≥14	10°→≥14	10°→≥14	10°→≥14
Cross Polar Discrimination,dB	> 15	> 15	> 15	> 15	> 15
Front-to-Back Ratio;dB	>25	>25	>25	>25	>25
Isolation Between Ports,dB	>28	>28	>28	>28	>28
Max. Input Power (Watts)	200	200	200	200	200

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Mechanical Specifications

Dimensions (L x W x H in mm)	2610X280X140
Weight(Kgs):	
Antenna	26.1
Bracket	5
Radome Material	ABS Plastic/Fiberglass
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	4
Operating Temperature(°C)	- 40 ° to + 60 °
Rated Wind Speed(Km/Hr)	216
Lightening Protection	Direct ground

Radiation Pattern

