

BTS PANEL ANTENNA

1800 MHz SINGLE BAND GSM ANTENNA

Model:KE1721X6512-DT10



Dual-Polarization Antenna, 1710-2170 MHz, 65° horizontal beamwidth, Fixed 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	11.5	12	12
HBW(degrees)	67	65	62
VBW(degrees)	26	25	24
Electrical Tilt (Degrees)	10	10	10
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°→≥10	0°→≥10	0°→≥10
	5°→≥9	5°→≥9	5°→≥9
	10°→≥8	10°→≥8	10°→≥9
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 SINGLE BAND GSM ANTENNA

Model:KE1721X6512-DT10

Mechanical Specifications	
Dimensions (L x W x H in mm)	500X195X 95
Weight(Kgs):	
Antenna	3.0
Bracket	5
Radome Material	ABS Plastic
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	2
Operating Temperature(°C)	- 55 ° to + 65 °
Rated Wind Speed(Km/Hr)	198
Lightening Protection	Direct ground

Radiation Pattern

