

BTS PANEL ANTENNA

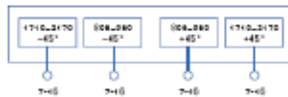
900/1800MHz DUAL BAND GSM ANTENNA

Model:KE0809/1721DX6516/16-DE10/E10



Dual-Polarization Antenna, 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	15.5	16	15.5	15.8	16
HBW(degrees)	65	63	66	64	62
VBW(degrees)	10	9	12	11.7	11
Electrical Tilt (Degrees)	0 ~ 10	0 ~ 10	0 ~ 8	0 ~ 8	0 ~ 8
Polarization (degrees)	± 45				
Impedance(Ω)	50				
1st Null Fill (dB)	> -25				
VSWR	< 1.5				
Intermodulation IM3(@2x43 dbm)	< - 107				
Side Lobe Suppression; dB	≥16				
Cross Polar Discrimination,dB	> 15				
Front-to-Back Ratio (dB)	≥25				
Isolation Between Ports (dB)	≥30				
Max. Input Power (Watts)	400/200				

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Mechanical Specifications

Dimensions (L x W x H in mm)	1560X306X140
Weight(Kgs): Antenna Bracket	14.0 4.0
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)	198
Lightening Protection	Direct ground

Radiation Pattern

