

BTS PANEL ANTENNA

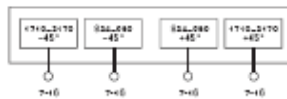
900/1800MHz DUAL BAND GSM ANTENNA

Model:KE0809/1721DX9017/17-DE10/E108



Dual-Polarization Antenna, 824-960/ 1710-2170MHz, 90° 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	16	16.8	17
HBW(degrees)	93	88	90	87	84
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				
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)	200				

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Mechanical Specifications	
Dimensions (L x W x H in mm)	2610X290X140
Weight(Kgs):	
Antenna	22.3
Bracket	4.0
Radome Material	PVC/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

