

BTS PANEL ANTENNA

1800 MHz SINGLE BAND GSM ANTENNA

Model:KE1721X6515-DE14



Dual-Polarization Antenna, 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	1710 ~ 2170
Gain in dBi	15
HBW(degrees)	65
VBW(degrees)	14
Electrical Tilt (Degrees)	0 ~ 14
Polarization (Degrees)	± 45
Impedance (Ohms)	50
1st Null Fill dB	> -25
VSWR	< 1.5
Intermodulation IM3(@2x43 dbm)	< - 107
Side Lobe Suppression; dB (First sidelobe above horizon)	0°→≥14
	5°→≥13
	10°→≥12
Cross Polar Discrimination,dB	> 15
Front-to-Back Ratio;dB	>25
Isolation Between Ports,dB	>28
Max. Input Power (Watts)	300

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Mechanical Specifications	
Dimensions (L x W x H in mm)	756X195X 95
Weight(Kgs):	
Antenna	4.8
Bracket	5
Radome Material	ABS Plastic/Fiberglass
Connector Type	7/16 DIN female
Connector Position	Bottom
No. of connectors	2
Operating Temperature(°C)	- 40 ° to + 75 °
Rated Wind Speed(Km/Hr)	216
Lightening Protection	Direct ground