

BTS PANEL ANTENNA

900 MHz SINGLE BAND GSM ANTENNA

Model:KEB900X65-18D10E



Dual-Polarization Antenna, 900MHz, 65° horizontal beamwidth, Variable electrical tilt

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

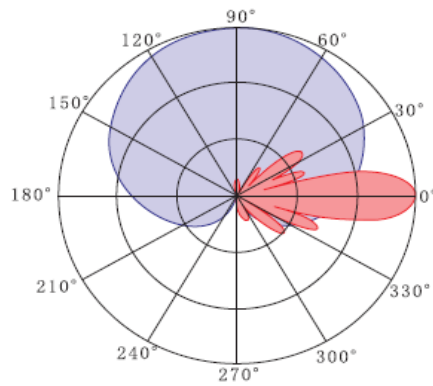
General Specifications

| | |
|------------------------------------|---|
| Band Of Operation, MHz | 870 ~ 960 |
| Gain in dBi | 18 |
| HBW(degrees) | 65 |
| VBW(degrees) | 6.5 |
| Electrical Tilt (Degrees) | 0~10 |
| Polarization (Degrees) | ± 45 |
| Impedance (Ohms) | 50 |
| 1st Null Fill dB | >-25dB |
| VSWR | ≤ 1.4 |
| IM3(@2x43 dbm) | < - 107 |
| Upper Side Lobe Suppression; dB | ≥15 |
| Cross Polar Discrimination,dB | Main > 15dB, ±60°>10dB or ±30°>10dB |
| Front-to-Back Ratio;dB | >25 |
| Isolation Between Ports,dB | >30 |
| Max. Input Power per Input (Watts) | 500 |

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| Mechanical Specifications | |
|------------------------------|------------------|
| Dimensions (L x W x H in mm) | 2820 X 284 X 130 |
| Weight(Kgs): | |
| Antenna | 20.5 |
| Bracket | 5 |
| Radome Material | Fiberglass |
| Connector Type | 7/16 DIN female |
| Connector Position | Bottom |
| No. of connectors | 2 |
| Operating Temperature(°C) | - 40 ° to + 60 ° |
| Rated Wind Speed(Km/Hr) | 216 |
| Lightening Protection | Direct ground |

Radiation Pattern



870~960MHz