

GSM Antenna

MODEL: TH-90

GSM800/GSM900/DCS1800/PCS1900



1.1 Electrical Properties

| Parameter | Description |
|------------------------------------|------------------------|
| Frequency Band | 800/900/1800/1900 MHz |
| Nominal Impedance | 50 ohm |
| Polarization | Vertical |
| Electrical Wave | 1 / 2 λ Dipole |
| Return Loss | Please See Data-1 |
| V.S.W.R | 2.3:1 |
| Antenna Average Gain | 0~3dBi |
| Note: Gain includes the cable loss | |

1.2 Mechanical Properties

| Parameter | Description |
|-----------------------------|------------------|
| Antenna Type | External Antenna |
| Antenna Cover | ABS |
| Touch Type | Screw Type |
| Connector Type | SMA 180°(Male) |
| Antenna Dimensions | 104mm \pm 2 |
| Antenna Color | Black |
| Operating Temperature Range | -20°C~+60°C |
| Storage Temperature Range | -30°C~+70°C |

2. APPEARANCE

| NO. | NAME | FINISH | Q, TY |
|-----|----------------|---------------|-------|
| 01 | Core tube | Black | 01 |
| 02 | Fixed upper | Black | 01 |
| 03 | Fixed beneath | Black | 01 |
| 04 | Rivet | Chrom plating | 02 |
| 05 | SMA 180°(Male) | Chrom plating | 01 |

| CUSTOMER'S | MODEL | PARTS NUMBER | FREQUENCY | UNIT | SCALE | DATE | VERSION |
|-------------------|------------|--------------|----------------------|----------|---------|----------|----------|
| 百展科技有限公司 | X. XX±0.15 | NAME | 800/900/1800/1900MHz | M/M | | 20071002 | |
| SURFACE ROUGHNESS | \sqrt{R} | APPEARANCE | EA-79B-2B | APPROVED | CHECKED | DRAWING | DESIGNED |

3. FREQUENCY



