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Datasheet

PT5G-SMA-90

Terminal Swivel Antenna with hinged connector

Terminal Swivel Antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G NR(5G) and WiFi frequencies.

- Multiband design
- Omni-directional and ground plane independant design
- Swivel mechanism for easy posistioning
- Hinged SMA-male connector for 0 to 90 degreee orentation

ELECTRICAL SPECIFICATIONS

| Туре | Wideband Dipole Antenna |
|-------------------|---|
| Frequency | 617 - 960 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 4200 MHz, 4400 - 5000 MHz |
| Bandwidth | See "FREQUENCY" |
| Bands | 5G NR 600/700/800/900/1800/2100/2600/3500/3700/4900 MHz LTE 700/800/1800/1900/2600 MHz UMTS 700/800/900/2100 MHz GSM 850/900/1800/1900 MHz WiFi 2.4 GHz |
| VSWR | < 3.0:1 (617 - 960 MHz), < 2.5:1 (1710 - 2690 MHz, 2300 - 2690 MHz, 3300 - 4200 MHz, 4400 - 5000 MHz) |
| Gain | -2 dBd, 0.15 dBi (617-790 MHz) 0 dBd, 2.15 dBi (790-960 MHz) 1 dBd, 3.15 dBi (1710 - 2170, 2300 - 2690 MHz, 3300 - 4200, 4400 - 5000 MHz) |
| Polarisation | Vertical |
| Radiation Pattern | Omni-directional |
| Max. Input Power | 10 W |



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MECHANICAL SPECIFICATIONS

| Color | Black |
|--------------------------|--|
| Dimensions | 193 x 38 x 11 mm |
| Weight | 39 g |
| Mounting | Directly on transceivers and modems etc. |
| Materials | ABS, PCB, PE, brass, chrome, gold |
| Operating Temperature | -40 °C to +70 °C |
| Connector | SMA-male |

ORDERING INFORMATION

