



## Antenna Specifications



### ANTENNA SPECIFICATIONS

#### GENERAL SPECIFICATIONS

MODEL	ACE-2400NF
ANTENNA TYPE	SLEEVE DIPOLE ANTENNA

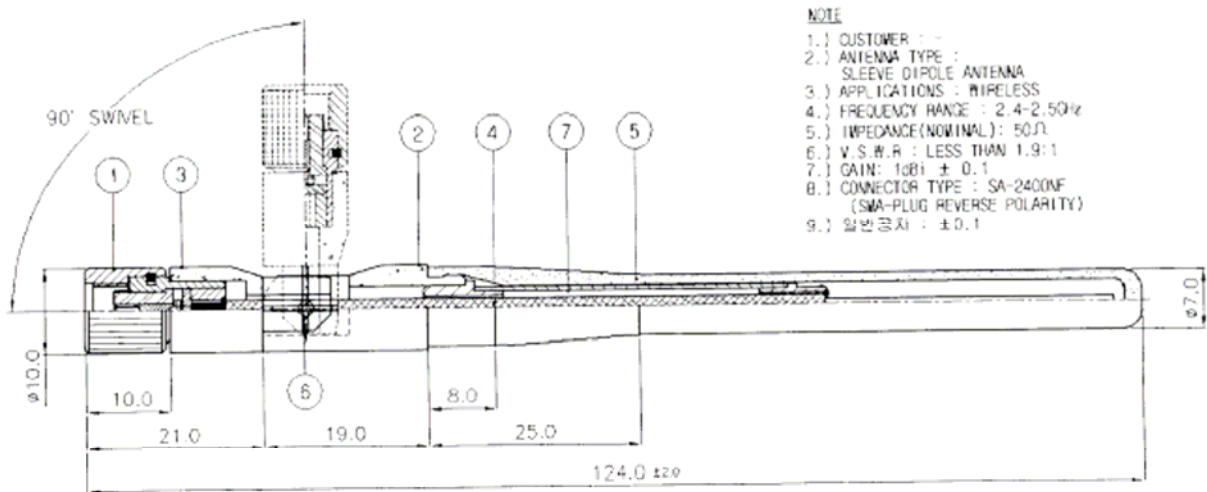
#### ELECTRICAL SPECIFICATIONS

FREQUENCY	2.4 ~ 2.5 GHz
IMPEDANCE	50 $\Omega$ (NOMINAL)
V.S.W.R.	$\leq 1.9: 1$
GAIN	$2.0 \pm 0.5$ dBi
RADIATION PATTERN	OMNI-DIRECTIONAL
POLARIZATION	VERTICAL

#### MECHANICAL SPECIFICATIONS

LENGTH	$124.0 \pm 2.0$ mm
PULLING STRENGTH	$\geq 3$ Kgf
SWIVEL TORQUE	$\geq 3$ Kgf
OPERATING TEMP.	$-30$ °C ~ $+60$ °C
CONNECTOR TYPE	SMA PLUG REVERSE POLARITY

### ACE-2400NF Sleeve Dipole Antenna:



**Z&Y Excellence Dipole Antenna:**



深圳市卓越发展世纪有限公司  
SHENZHEN SHI EXCELLENCE DEVELOPMENT WORLD CO.LTD

## Antenna Specification

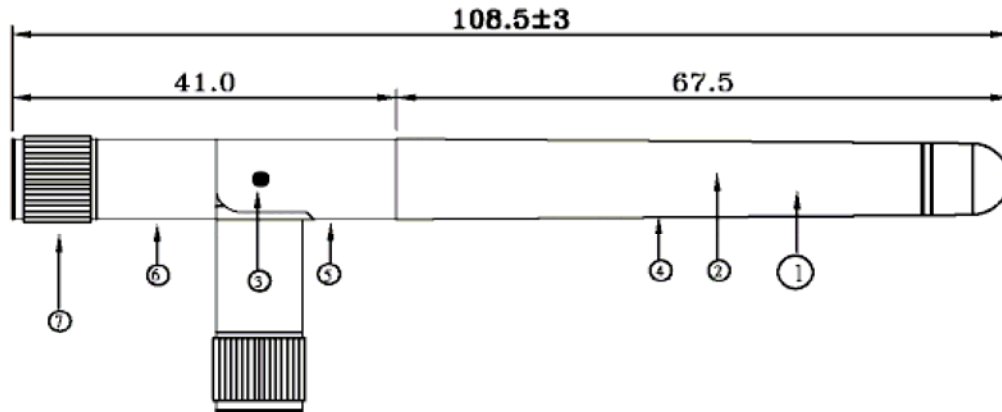
### 1. Electrical Properties

- 1.1 Operating Frequency..... 2.4 - 2.5 GHz
- 1.2 characteristic impedance..... 50 ohm (Nominal)
- 1.3 VSWR..... MAX 1.9: 1
- 1.4 Return Loss..... -10dBi Max
- 1.5 Polarization..... Vertical
- 1.6 Gain (Peak)..... 2dBi +/- 0.5
- 1.7 Radiation..... Omni-directional

### 2. Physical Properties:

- 2.1 Cable..... RG178 Coaxial Cable
- 2.2 Antenna Cover..... TPEE
- 2.3 Antenna Base-1..... PBT+PC
- 2.4 Antenna Base-2..... PBT+PC
- 2.5 temperature..... -20 ºC - + 70 ºC
- 2.6 Storage temperature..... -30 ºC - +80 ºC
- 2.7 Color..... BLACK
- 2.8 Connector..... SMA MALE Reverse Polarity

**Z&Y Excellence Dipole Antenna:**



**Note:**

1. Superscript "@" that focus on test size;
2. 1PC/PE bags,
3. 20 PCS / PE bags;
4. 1-desiccant / 20PCS ;
5. Electrical Properties :
  - 5.1 Operating Frequency :2.4 - 2.5 GHz
  - 5.2 characteristic impedance:50 ohm(Nominal)
  - 5.3 VSWR: MAX 1.9: 1;
  - 5.4 Return Loss:-10dBi Max;
  - 5.5 Polarization: Vertical;
  - 5.6 Gain: 2dBi±0.5;
  - 5.7 Radiation: Omni-directional
6. Mechanical properties:
  - 6.1: temperature: -20 º - + 70º
  - 6.2: Storage temperature:-30º - +80 º
- 7.Use environment protect material (RoSH compliant)