

## Appendix (Antennas)

The SkyHopper family uses two Omni antennas with a gain of 2dBi. The current manufacturers are Invax Systems and KBT (KENBOTONG TECHNOLOGY CO).

The permitted types of Antennas (made by other manufacturers) should have the following specifications:

Gain: 2dBi (Typical)  
 Frequency Range: 2.4GHz – 2.5GHz  
 Bandwidth: 100MHz  
 Connector: MMCX - Male, or SMA with adapter  
 Radiation: Pattern: Omni-Directional  
 VSWR:  $\leq 2$

**Invax**  
 Antennas + RF Connectors

www.invaxsystem.com  
 E-mail: info@invax.com.tw

### 2.4 GHz Antenna for IEEE 802.11 WLAN System or Bluetooth

#### Model No.

AN2400-56E Series

#### Application

- IEEE 802.11 WLAN System
- Wireless Communication System
- Wi-Fi / WLAN / MIMO / Bluetooth System

#### Features

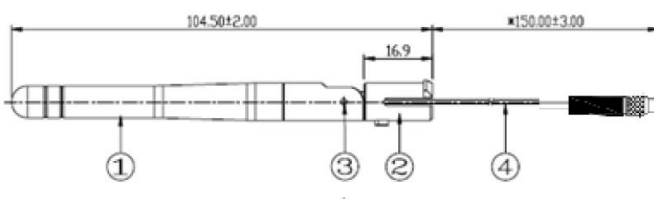
- RoHS Compliant
- Low V.S.W.R. / Low Loss Design / High Gain
- High Efficiency and Sensitivity
- Low Loss RF Coaxial Connector Cable Feed
- Matching Free Design

#### Specification

- Freq. : 2.4 - 2.5 GHz
- S.W.R. :  $\leq 2.0$
- Gain : 2 dBi ( \* Typical \* )
- Radiation Pattern : Omni-Directional
- Connector : MMCX male
- Cable : 1.13 cable -150mm



#### Dimension



# TQX-2400LD-15 Terminal Antenna

- Low VSWR, Small size, Easy to mount
- Stable performance, Strong vibration-proof and UV stable ability

Specifications	
Model	TQX-2400LD-15
Freq.Range-MHz	2400 to 2500
Bandwidth-MHz	100
Gain-dBi	2
VSWR	≤2
Impedance-Ω	50
Polarization	Vertical
Max.Power-W	50
Connector	MMCX Male
Antenna Length-mm	MMCX Male:137±1.5 MMCX Right Angle :119±1.5
Cable Length-mm	150±5
Weight-g	10

