



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)  
 DONGGUAN AEON TECH CO.,LTD.(CHINA)  
 TAI HWA ELECTRONIC CO., LTD.(CHINA)  
 SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)  
 SU ZHOU AEON TECH CO., LTD. (CHINA)

## SPECIFICATION FOR APPROVAL

**CUSTOMER:** 中磊科技股份有限公司

**PART NAME:** RF Antenna Cable Assembly

**PART NO.:**

**REVISION:**

**W. Y. P/NO.:** C147-510366-A

**REV.:** X2

|                  | MANUFACTURER<br>SIGNATURE | CUSTOMER<br>SIGNATURE |
|------------------|---------------------------|-----------------------|
| APPROVED<br>BY : | 吳忠 [Red Seal]             |                       |
| DATE :           | 5/9- [Red Seal]           |                       |

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# Contents

| <i>Item</i> | <i>Description</i>    | <i>Page</i> |
|-------------|-----------------------|-------------|
| 1. ....     | 天線規格表                 | ..... 1     |
| 2. ....     | 成品圖                   | ..... 2     |
| 3. ....     | 測試報告                  | ..... 3~5   |
| 4. ....     | <b>Cable</b> 規格       | ..... 6~8   |
| 5. ....     | <b>Connector</b> 材質特性 | ..... 9     |
| 6. ....     | <b>SGS</b> 測試         | ..... 10~62 |
| 7. ....     | <b>RoHS</b> 排外條款      | ..... 63    |

# RF Antenna Cable Assembly

## Specification

### 1. Electrical Properties :

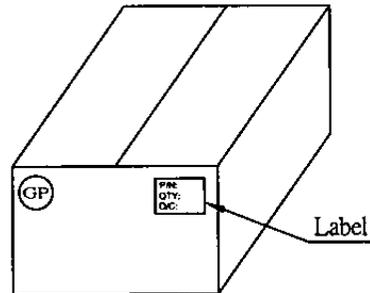
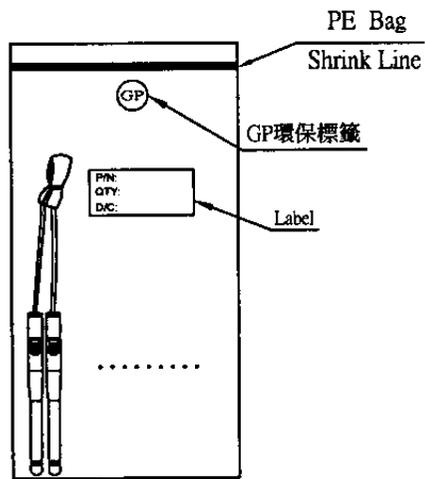
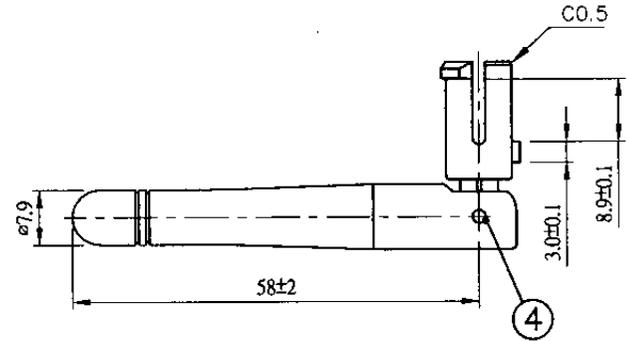
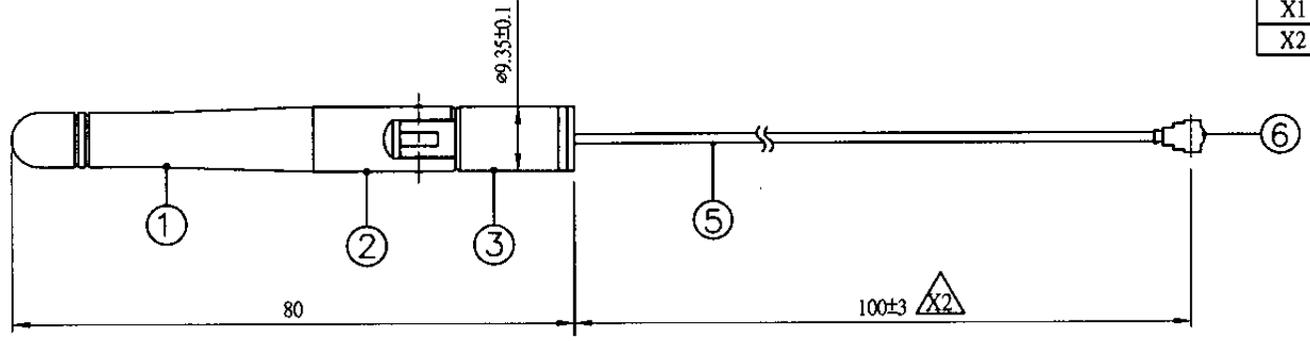
- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz
- 1.2 Impedance ..... 50Ω Nominal
- 1.3 VSWR ..... 1.92 : 1Max.
- 1.4 Return Loss..... -10 dB Max.
- 1.5 Radiation ..... Omni-directional
- 1.6 Gain..... 1.8dBi typ.(excluding cable loss)
- 1.7 Cable Loss..... 0.6dB
- 1.8 Polarization..... Linear Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable..... φ1.13 Coaxial Cable
- 1.11 Connector..... I-PEX MHF Connector

### 2. Physical Properties :

- 2.2 Antenna Cover..... TPE
- 2.3 Antenna Base..... PC
- 2.4 Antenna Base..... PBT
- 2.5 Operating Temp. .... -10°C ~ +60°C
- 2.6 Storage Temp. .... -10°C ~ +70°C
- 2.7 Color ..... Black

CG-

| REV | DATE      | DESCRIPTION   |
|-----|-----------|---------------|
| X1  | 4/18-2007 | New Issue     |
| X2  | 5/9-2007  | Modify length |



| NO | DESCRIPTION   | QTY | REMARK                      |
|----|---------------|-----|-----------------------------|
| 6  | Cable         | 1   | ∅1.13 Coaxial Cable         |
| 5  | Connector     | 1   | MHF Connector               |
| 4  | Rivet         | 2   | POM ; Black                 |
| 3  | Antenna Base  | 1   | PBT ; Color : Pantone Black |
| 2  | Antenna Base  | 1   | PC ; Color : Pantone Black  |
| 1  | Antenna Cover | 1   | TPE ; Color : Pantone Black |

GP標籤貼於外箱兩邊側麥左上角共2PCS  
標示Label貼於外箱兩邊側麥共2PCS

|                      |      |      |   |            |                     |         |     |
|----------------------|------|------|---|------------|---------------------|---------|-----|
| CUSTOMER'S SINGATURE | XX   | ±5   | APPROVED<br><i>Winsto</i><br>2007<br>1300 | CUSTOMER:  | 中磊                  |         |     |
|                      | X    | ±3.0 |   | CHECKED    | PART NO :           |         |     |
|                      | .X   | ±1.0 | DRAWING<br><i>廖志明</i><br>程淑娟              | PARTNAME:  | RF Antenna Assembly |         |     |
|                      | .XX  | ±0.5 |   | W.Y P/NO : | C147-510366-A       |         |     |
|                      | .XXX | ±0.1 |   | REV        | UNIT                | FILE :  |     |
|                      |      |      |   | X2         | m/m                 | SHEET : | 1/1 |

**M.gear** Wha Yu Group

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## RF Antenna Assembly

P/NO:C147-510366-A

SPEC:2.4~2.5GHz

NO: SSR-71458

