

# Model

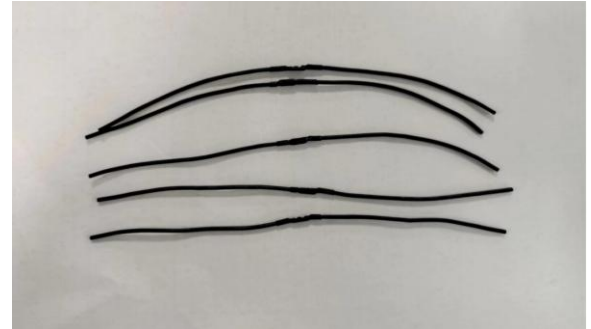
## Cable Label

Address: 1F., No.331, Nangong St., YongKang  
Dist., Tainan City 710, Taiwan

E-mail: Sales@advancetag.com.tw

## Product Parameters

| Chip Size | frequency      | theoretical<br>reading<br>range | Fixed<br>reading<br>range | Actual<br>reading<br>distance |
|-----------|----------------|---------------------------------|---------------------------|-------------------------------|
| 15.5*Φ1mm | 860-<br>940MHz |                                 | 7+                        | 7m+                           |



## Electrical Characteristics

| Item                 |            | Description                                         | Remarks                |
|----------------------|------------|-----------------------------------------------------|------------------------|
| Manufacture / IC     |            | U9                                                  |                        |
| Base Material        |            | PCB/conductive line                                 |                        |
| Antenna              |            | Aluminum Etching                                    |                        |
| Protocol             |            | EPC global Gen2v2.1                                 |                        |
| Memory               | EPC        | 128Bits                                             | Read & Write           |
|                      | TID        | 96Bits                                              | Read Only              |
|                      | Unique TID | 32Bits                                              | Read Only              |
|                      | Password   | 32Bits Access<br>32Bits Kill                        | Read & Write           |
|                      | User       | 32Bits                                              | Read & Write           |
| Frequency            |            | 860MHz ~ 960MHz                                     |                        |
| Operating Mode       |            | Passive                                             |                        |
| IC Life              |            | 100,000 Programming cycles, 10 years data retention |                        |
| ESD Voltage Immunity |            | Max. 2000V                                          | Human Body Model (HBM) |

## Environmental Requirement

From the date of manufacture, 1 year at  $23 \pm 5^{\circ}\text{C}$  /  $50\% \pm 10\%\text{RH}$ , sealed in the vacuum bag and avoid direct sunlight exposure.

Disclaimer: Our recommendations are based on our latest knowledge and experience; we reserve all rights for final explanation.