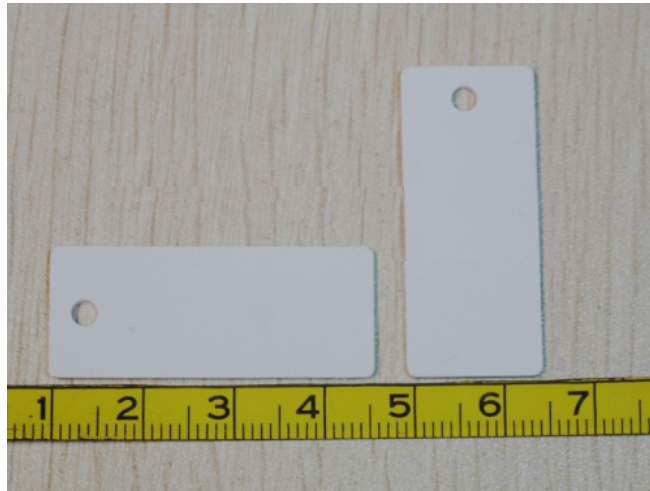




STA JW3616 Jewellery Tag



FEATURES

- The Jewellery Tag is frequency independent tag and has a smooth surface for convenient labeling of price, material, style or other information.
- Very small and attractive in size & shape with multi read/write capability
- Dust & Waterproof
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- The Jewellery Tag is specifically designed to protect high value jewellery and small expensive accessories.
- Automatic tracking of Jewellery to market communities, secured storing and other areas.
- It can read hundreds of pieces of jewellery attached with RFID tags in seconds.
- Suitable for small form factor with longer read range capability is required including inside metal containers or computer equipment, etc.
- It is more effective to make an inventory of the jewellery.

Chip Type:	Alien Higgs 4 EPC Class 1 Gen 2	
	EPC 96 bit, extendable upto 128 bit	
	User memory 128 bit	
	Data retention of 50 years	
	Write endurance 100.000 cycles	
Mechanical:	Length	36mm
	Width	16mm
	Thickness	0.86mm
	Material	PVC
	Colour	White
Electrical:	Operating Frequency	860-928 MHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP68	
Thermal:	Storage Temp.	-20°C to +70°C
	Operating Temp.	-10°C to +50°C

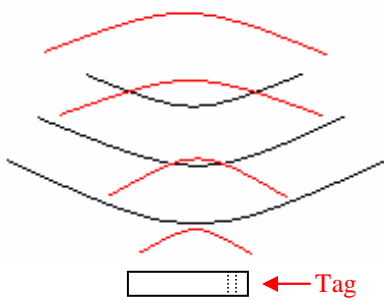
Tag Placement

- Jewellery tag is polarized perpendicular to its length.
- Ensure that there is no hindrance between the tag and the reader antenna.
- Reader antenna should be parallel to length of tag as shown in below figure:

Correct way



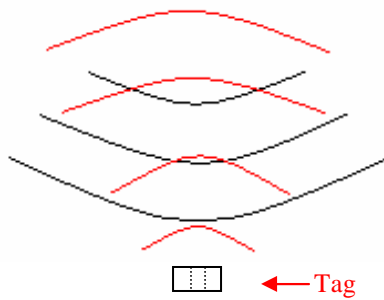
Antenna



Wrong way



Antenna



- Tag can be attached through Thread, Cable Ties or Adhesive tape.



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