



Manufacturer of RFID tags

DATASHEET

UHF Jewellery Tag

Tag Code: U2113010

Jewellery tag is Ideal for Tracking Precious Jewelleries articles or Accessories. It can be used for Tracking of Jewellery in Wholesale, Retail. It is available in Different chips & Memory Size.



Electrical Specification

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	860 – 960 MHz
Chip**	Alien Higgs-3
Memory Configuration	EPC–96 bits, extendible to 480bits
	TID – 96 bits unalterable unique
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	Up to 2.5m

Physical / Mechanical Specification

Dimension	38 x 16 x 2.5 mm
Hole Dia	3 mm
Weight	2.7 g
Encasement	PC / ABS
Colour**	White
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Cable tie/Riveting/Screws/Adhesive
Applicable surface	Near metal and off metal

Dimensions

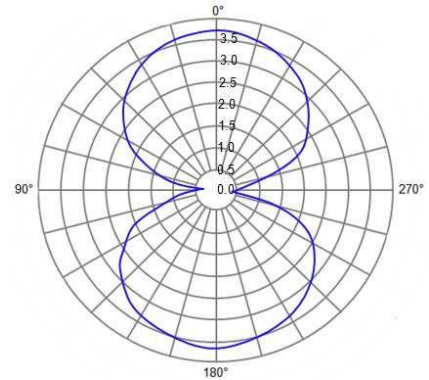


Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours
Resistant to continuous exposure to motor oil for 2 hours
Additionally, abrasion resistant against HCL and IPA

Radiation Pattern Graph

(Orientation v/s Read Range)

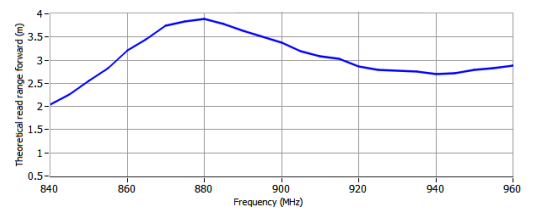


Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

Linear Frequency Graph

(Frequency v/s Read Range)



- * Actual Read range may vary depending upon the reader and environmental factor
- ** Other on request
- *** Available as an option at extra cost

Order Information

Part No.	Description
U2113010	Alien higgs-3 chip tuned at global frequency
U2113012	Alien higgs-4 chip tuned at global frequency

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