

DATASHEET

UHF Crate Tag (with hole)

Tag Code: U7513410

Crate tag is a UHF Gen2 long range, medium sized passive tag. It is ideal for rugged environment and gives excellent performance on non metallic objects.



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
Read Range*	Off metal : 10 – 12m

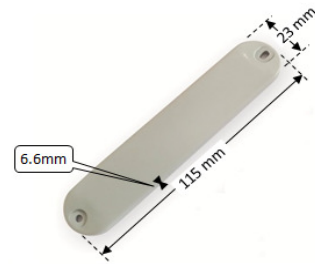
Physical / Mechanical Specification

Dimensions	115 x 23 x 6.6 ± 0.2 mm
Colour**	Grey
Weight	10.4 g
Encasement	PC / ABS High impact
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***	Via M3 Screw, Rivet and/or Self Adhesive
Applicable surface	Plastic & other non-metals

Dimensions



Chemical Resistance

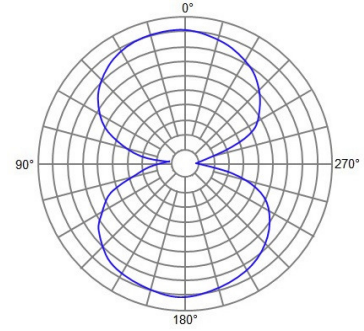
Resistant to continuous exposure to salt water for 2 hours
 Resistant to continuous exposure to motor oil for 2 hours
 Additionally, abrasion resistant against HCL and IPA

Additional Services

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

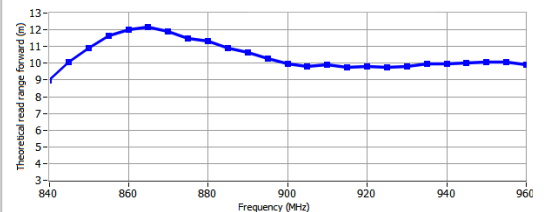
Radiation Pattern Graph

(Orientation v/s Read Range)



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
U7513410	With Alien higgs-3 chip tuned at Global frequency
U7513412	With Alien higgs-4 chip tuned at Global frequency

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