

DATASHEET

UHF Micro Tag

Tag Code: U3411510

Micro tag is the UHF mount on metal tag, which for its size provides unparalleled performance. It offers new possibilities for companies to improve their Asset management, especially computers and other devices that contain variable information.



Electrical Specification

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 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*	On metal – Up to 7 m Off metal – Up to 2 m

Physical / Mechanical Specification

Dimensions	52 x 16 x 8.5 ± 0.2 mm
Colour**	Grey
Weight	5 g
Encasement	PC / ABS High Impact
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment***	Riveting/Screw/Magnetic/Adhesive
Applicable surface	Metal

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

* Actual Read range may vary depending upon the reader and environmental factor

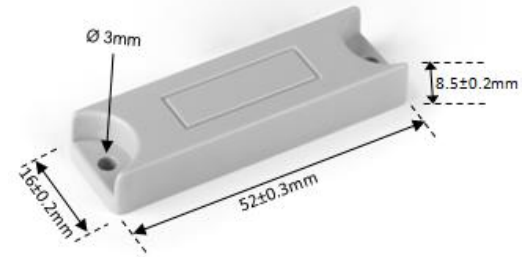
** Other on request

*** Available as an option at extra cost

Order Information

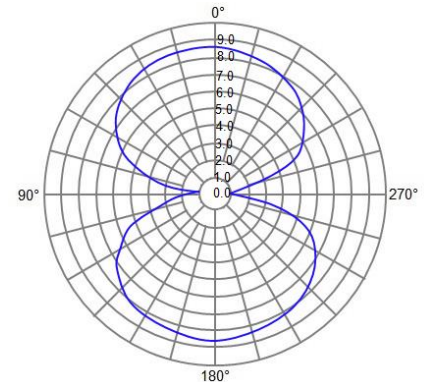
Part No.	Description
U3411510-EU	Alien higgs-3 chip tuned at ETSI frequency
U3411510-US	Alien higgs-3 chip tuned at US frequency
U3411512-EU	Alien higgs-4 chip tuned at ETSI frequency
U3411512-US	Alien higgs-4 chip tuned at US frequency

Dimensions



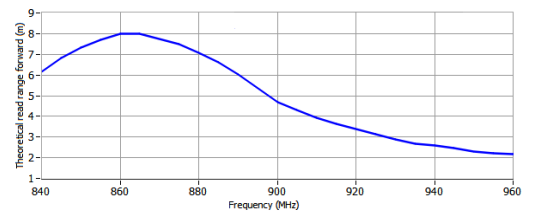
Radiation Pattern Graph

(Orientation v/s Read Range Orientation)



Linear Frequency Graph

(Frequency v/s Read Range Orientation)



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