

UHF Patch Tire Tag

Product Code: U7622911X

UHF Patch Tire tag is the UHF Gen2 long read range, passive tag. It is best suited for tire tracking and identification purpose. It can be easily attached inside the Tire during manufacturing process of Tire.



Tag Dimensions



Electrical Specifications

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*	U7622911S	Up to 5.0 meter on Fixed Reader (83 x 35 x 3 mm)
	U7622911L	Up to 5.0 meter on Fixed Reader (130 x 85 x3.2 mm)
Operating temperature	-35°C to +80°C	
Storage temperature	-40°C to +85°C	
Attachment***	Self Adhesive	
Application surface	Tire	

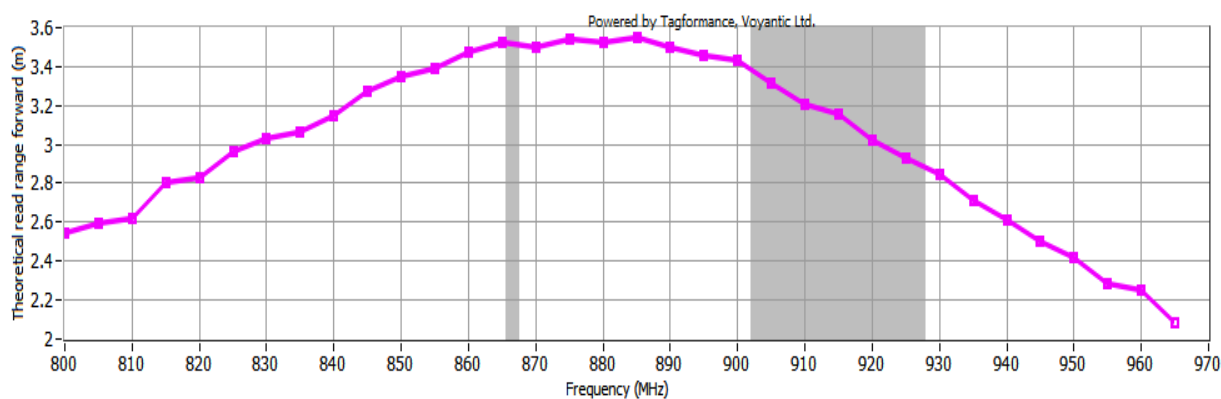
Physical and Mechanical Specification

Dimensions	83 x 35 x 3 mm / 130 x 85 x3.2 mm	
Material	Tire rubber	
Colour**	Black (Border Grey)	
Quality Assurance	100% reader tested	

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

Linear Frequency Graph



Additional Services

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

Order Information

U7622911S	For 83 x 35 x 3 mm Tag with Alien higgs-3
U7622911L	For 130 x 85 x 3.2 mm Tag with Alien higgs-3

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

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