



Manufacturer of RFID tags

# DATASHEET

## UHF Hanger Tag

Tag Code: U6520314

Plastic Hanger Tag is a UHF Gen2 long range passive tag. It is specially designed for vehicle identification, And also suitable for tracking items/assets in an indoor environment. Hanger Tag is ideally used for non-metallic assets tracking as well as for pallet tracking.



## Electrical Specification

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	860 – 960 MHz
Chip**	Impinj Monza 4D
Memory Configuration	EPC–96 bits, extendible up to 128 bits
	TID – 96 bits unalterable unique
	User memory – 32 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	Off metal : 8 – 10m

## Physical / Mechanical Specification

Dimensions	185 x 52 x 4 ± 0.2 mm
Colour**	Black
Weight	32 g
Encasement	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	IP68
Attachment	Hook provided in tag itself
Applicable surface	Plastic, Free air

## 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

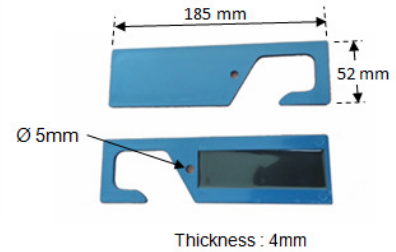
\*\* Other on request

\*\*\* Available as an option at extra cost

## Order Information

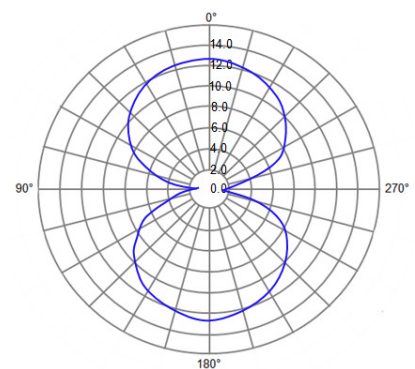
Part No.	Description
U6520314	With Impinj Monza 4D chip tuned at Global frequency
U6521510	With Alien higgs-3 chip tuned at Global frequency
U6521512	With Alien higgs-4 chip tuned at Global frequency

## Dimensions



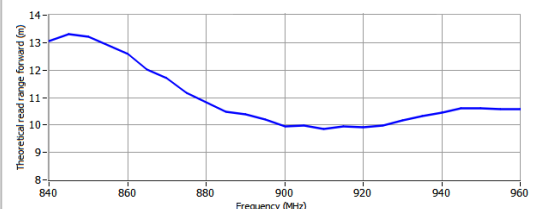
## Radiation Pattern Graph

(Orientation v/s Read Range Orientation)



## Linear Frequency Graph

(Frequency v/s Read Range Orientation)



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