

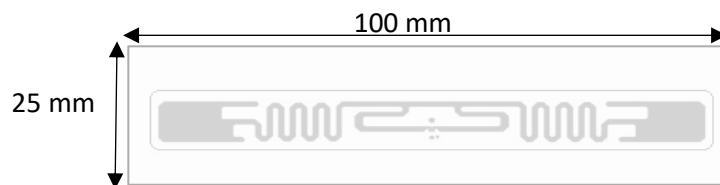
## UHF Label 100 x 25 mm

**Product Code: U8833822**

UHF 100 x 25 mm label tag is a UHF Gen2 long-range, passive tag. It is suitable for tracking items/assets in an indoor environment. This Tag is ideally used for non-metallic assets tracking as well as for pallet tracking. It is available in multiple sizes and with different read ranges.



### Tag Dimensions



## **Electrical Specifications**

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	860 – 960 MHz
Chip**	Alien Higgs 9
Memory Configuration	Up to 496-EPC Bits (nominally 96 bits)
	TID – 48 Bit Unique serial number
	User memory – Up to 688 User Bits
	Access password – 32 bits
	Kill password – 32 bits
Data Retention	50 Years
Writ endurance	200,000 cycles
Read Range*	Up to 10 meters with the fixed reader with linear antenna
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Adhesive	Acrylic
Attachment***	Self-Adhesive
Applicable surface	Plastic, Wooden

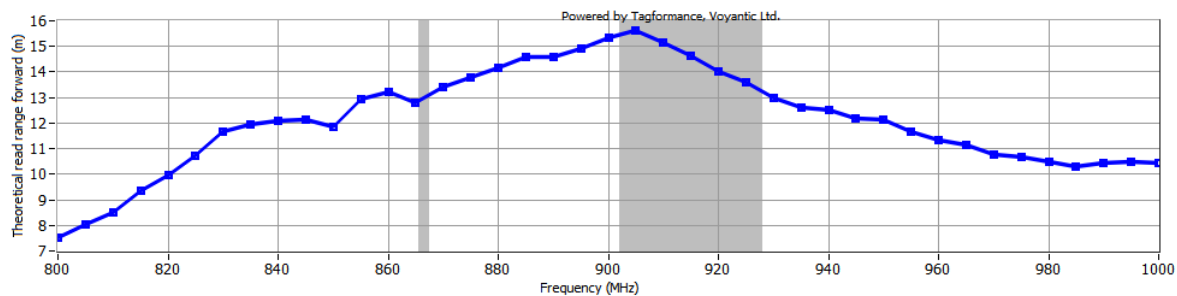
## **Physical and Mechanical Specification**

Dimensions	100 x 25 mm
Delivery format	Reel
No. of labels per reel	5000 pcs/ reel
Available Face material	Paper / PET
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

U288XX22	With M750 chip tuned at Global frequency
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- \* Actual read range may vary depending upon the reader
- \*\* Other on request
- \*\*\* Available as an option at extra cost

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