



Manufacturer of RFID tags

# DATASHEET

## UHF PET Laminated Label Tag

Tag Code: U8832408

Laminated PET Label Tag is a UHF Gen2 long range passive tag. It is suitable for tracking items/assets in an indoor and outdoor environment. Laminated PET label Tag is ideally used for non-metallic assets tracking as well as for pallet tracking.



## Electrical Specification

Air Interface Protocol	Class 1 Gen 2 (ISO 18000-63)
Operational Frequency	860 – 960 MHz
Chip**	U Code – 8Chip
Memory Configuration	EPC–96 bits, extendible to 128 bits
	TID – 96 bits unalterable unique
	User memory – 32 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range	Up to 11 meter

## Physical / Mechanical Specification

Dimensions	81 x 21 x 0.35 mm
Weight	1.0 g
Colour	White
Encasement	PET

## Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Self Adhesive

## 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 / colour 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

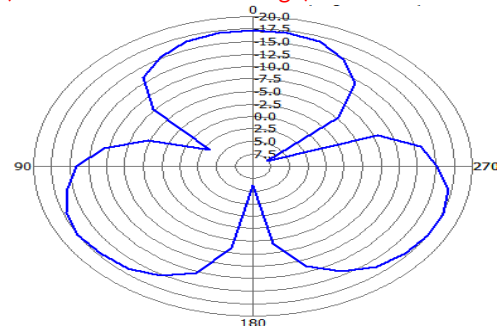
Part No.	Description
U8832408	With U code 8

## Dimension



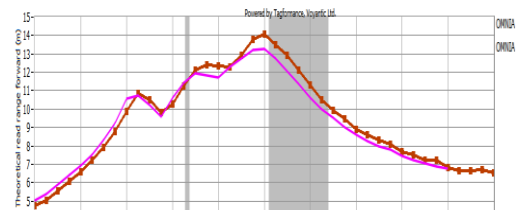
## Radiation Pattern Graph

(Orientation v/s Read Range)



## Linear Frequency Graph

(Frequency v/s Read Range)



Omnia Technologies Pvt. Ltd.

Corporate Office

Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)