

## Overview

### Frequency Band

860MHz-960MHz

### Chip

UCODE 9

### Antenna Dimensions

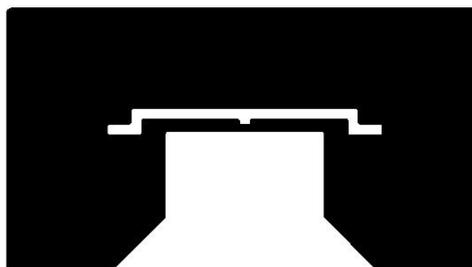
90x50mm/3.54x1.97inch

### International Standard

ISO/IEC 18000-63 Type C

### Applications

Auto tire tagging



90\*50mm UCODE 9 inlays from OSRFID have been developed for use in automotive tire tagging and on other high-dielectric materials.

Equipped with UCODE 9 chip from NXP, the inlays provide outstanding performance, possessing high sensitivity and super stability, ensuring accurate and continuous data transmission in complex environments.

The product is available in dry inlay, wet inlay and label delivery formats.

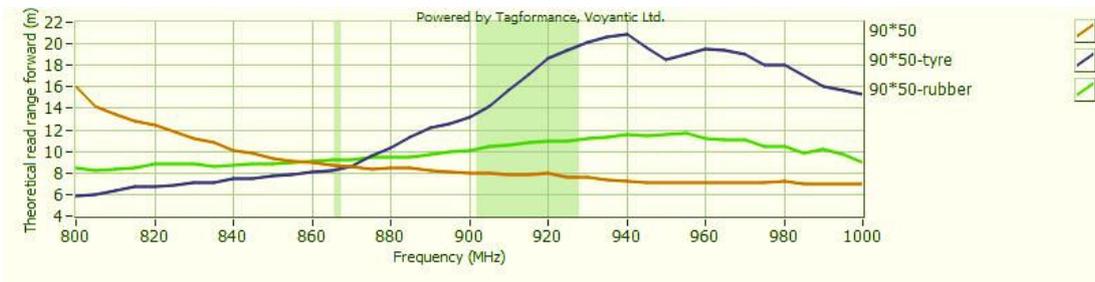
### Technical Features

Model	OS31815	OS32151	OS333097
Delivery Format	Dry Inlay	Wet Inlay	Label
EPC Memory	96Bits	96Bits	96Bits
User Memory	-	-	-
Die-cut Dimension	-	93*52mm	101.6*63.5mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	53.975mm	53.975mm	67.73mm
Web Width	100mm	100mm	110mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	10000 ± 3Pcs/Reel	2000 ± 2Pcs/Reel
Operating Temperature	-20°C to +85°C		
Remarks	Wet inlay and Label are regular sizes. Other sizes can be customized.		

## Sensitivity



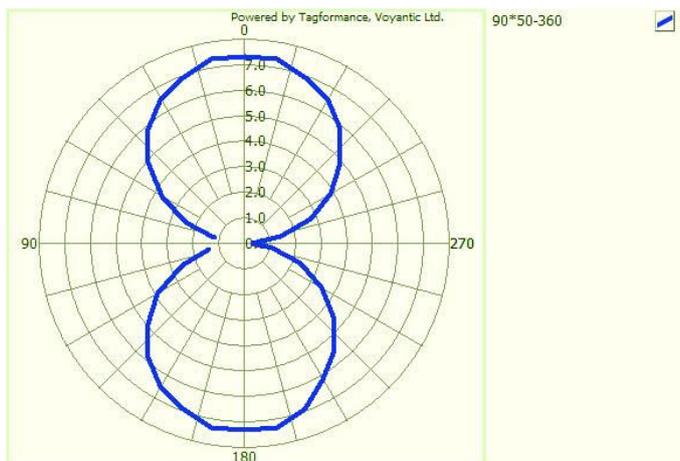
## Read



Sensitivity&Read Rang Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

## Orientation sensitivity



All graphs are indicative: performance in real life applications may vary.

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