



# RFID Inlay Santanna NXP Ucode 9 XE

### Dimensions (WxH)

70 mm X15 mm (2.73 “ X 0.585 “)

### DESCRIPTION

Unlock exceptional RFID performance with Santanna. ARC-certified for diverse specifications, it excels in dense or sparse tag populations, perfect for supply chain and logistics. Versatility meets strength, delivering robust performance, even on fluid-filled glass containers.



### RFID SPECIFICATIONS

|                     |                                    |
|---------------------|------------------------------------|
| Protocol            | ISO/IEC 18000-6C/ EPC Class 1 Gen2 |
| Operating Frequency | 860 Mhz - 960 Mhz                  |
| Chip Type           | Ucode 9 XE                         |
| Unique TID / UID    | 96 bits                            |
| EPC Memory          | 128 Bits                           |
| User Memory         | No data                            |
| Tag type            | UHF                                |

### INDUSTRIES

|                |             |
|----------------|-------------|
| Retail Apparel | Retail Food |
|----------------|-------------|

### APPLICATIONS



Inventory visibility



Omnichannel



Store processes (Cycle Count /  
item locator / POS)

### ARC CATEGORIES

|         |         |              |
|---------|---------|--------------|
| Spec H  | Spec R  | Spec I       |
| Spec O  | Spec F  | Spec I and F |
| SPEC Y2 | Spec Q  | Spec W5      |
| Spec L  | Spec W6 |              |

### OTHER CERTIFICATIONS

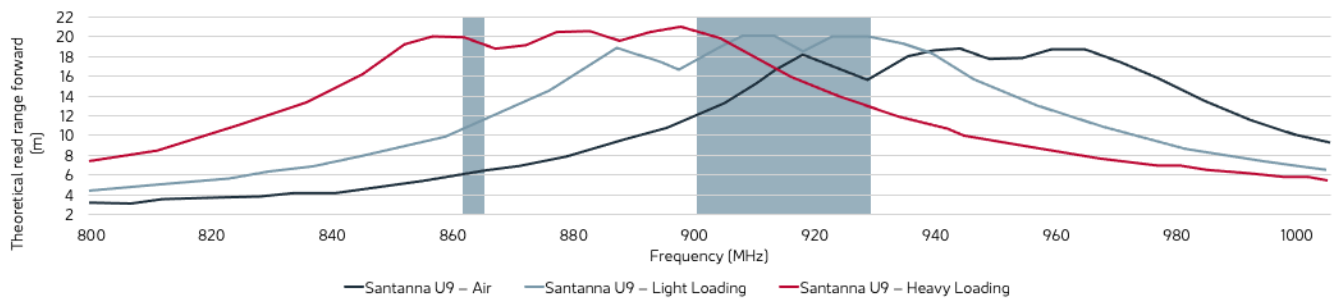


## PERFORMANCE

|                 |         |
|-----------------|---------|
| ETSI Read Range | 12.10 m |
| FCC Read Range  | 18.50 m |

## READ RANGE

Free Space, Light, & Heavy Loading Conditions



## ORIENTATION SENSITIVITY

ETSI

FCC

